



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1801 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

JAN 28 1993

**DIVISION OF
OIL, GAS & MINING**

January 27, 1993

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

We hereby request that the status of the following wells be held tight for the maximum period allowed by State regulations:

Balcron Monument Federal #32-11
SW NE Section 11, T9S, R16E
Duchesne County, Utah

Balcron Monument Federal #22-5
SE NW Section 5, T9S, R17E
Duchesne County, Utah

Balcron Monument Federal #14-5
SW SW Section 5, T9S, R17E
Duchesne County, Utah

Balcron Monument Federal #23-5
NE SW Section 5, T9S, R17E
Duchesne County, Utah

This request was inadvertently omitted when sending in the APDs.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs



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Equitable Resources Energy Company

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DIVISION OF
OIL GAS & MINING

January 27, 1993

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

Enclosed are copies of our Federal Applications for Permit to
Drill the following wells:

Balcron Monument Federal #32-11
SW NE Section 11, T9S, R16E
Duchesne County, Utah

Balcron Monument Federal #22-5
SE NW Section 5, T9S, R17E
Duchesne County, Utah

Balcron Monument Federal #14-5
SW SW Section 5, T9S, R17E
Duchesne County, Utah

Balcron Monument Federal #23-5
NE SW Section 5, T9S, R17E
Duchesne County, Utah

We do not anticipate approval of these Federal APD until the
Monument Butte Field Environmental Assessment is completed. It
is currently in progress. After that, we do not anticipate any
delays in receiving approval.

If you have any questions or need further information, please
let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs
Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY

CONFIDENTIAL

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

566' FSL 517' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 12 miles SW of Myton, Utah

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5,700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 acres

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5238.7'

22. APPROX. DATE WORK WILL START*

Upon APD approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See EXHIBIT "D"	for details			

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING/CASING PROGRAM
"E" EVIDENCE OF BOND COVERAGE
"F" ARCHEOLOGY REPORT
"G" SURVEY PLAT

"H" BOPE SCHEMATIC
"I" RIG LAYOUT
"J" EXISTING ROADS (MAP A)
"K" PLANNED ACCESS (MAP B)
"L" EXISTING WELLS (MAP C)
"M" CUT & FILL DIAGRAM

RECEIVED

JAN 29 1993

DIVISION OF
OIL GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Coordinator of Environmental
and Regulatory Affairs

Jan. 27, 1993

(This space for Federal or State office use)

PERMIT NO.

13-013-31385

APPROVAL DATE

OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE: 4-12-93

BY: [Signature]

WELL SPACING: 649-3-2

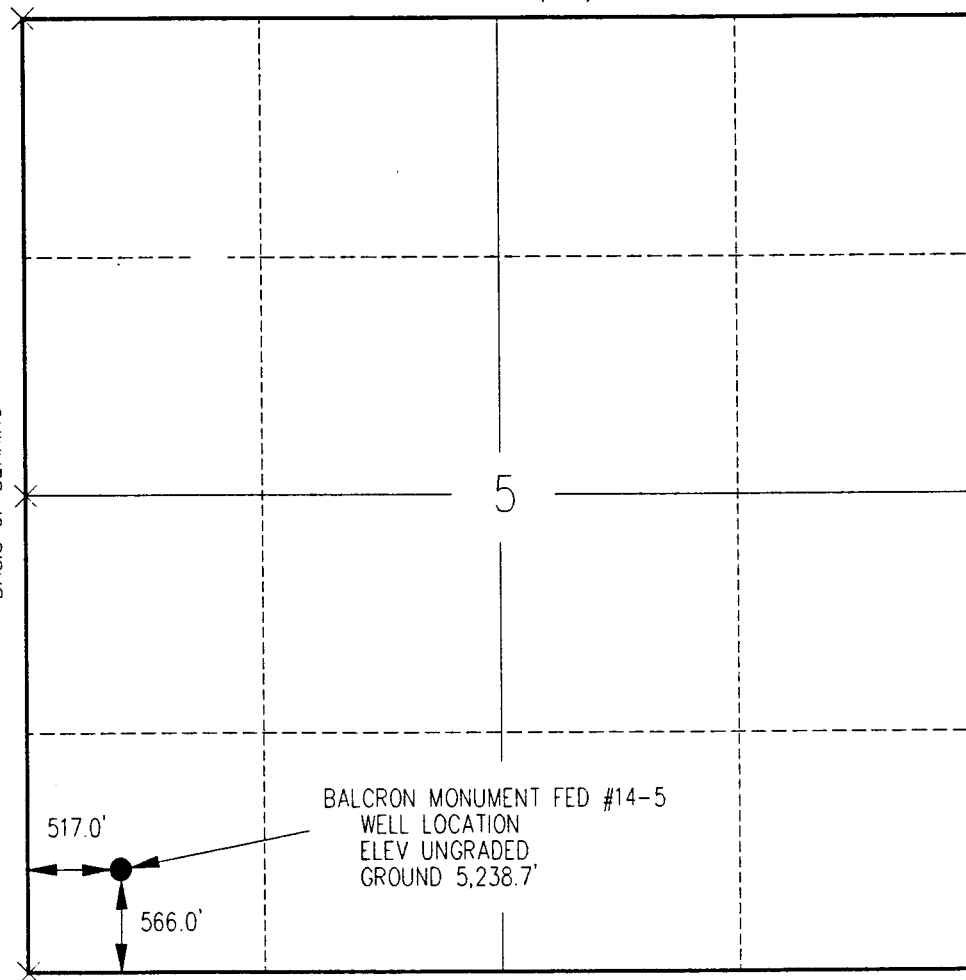
*See Instructions On Reverse Side

EXHIBIT "G"

T9S, R17E, S.L.B. & M.

N 89°58' E (GLO)

S 0°02' W 5,283.3' (GLO)
BASIS OF BEARING



BALCRON MONUMENT FED #14-5
WELL LOCATION
ELEV UNGRADED
GROUND 5,238.7'

S 89°56' W 5,282.6' (GLO)

X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

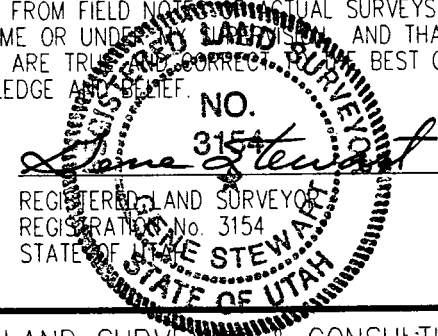
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #14-5,
LOCATED AS SHOWN IN THE SW 1/4 SW 1/4
OF SECTION 5, T9S, R17E, S.L.B. & M,
DUCHESNE COUNTY UTAH.



N 0°03' W 5,282.6' (GLO)

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES AND ACTUAL SURVEYS
MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT
THE SAME ARE TRUE, CORRECT, AND ACCURATE TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: GS DB
DATE: 9/29/92	WEATHER: CLEAR & WARM
NOTES:	FILE # #14-5

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #14-5
SW SW Section 5-T9S-R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Duchesne River formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon as the BLM approves this APD.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #14-5
SW SW Section 5, T9S, R17E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 200' & 250' E and 165' & 215' S
- B. The Monument Federal #14-5 is located approximately 12 miles Southwesterly of Myton Utah, in the SW1/4 SW1/4 Section 5, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 14-5, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 11.4 miles to an intersection with the Pariette Bench road, turn right and continue 1.1 miles to road intersection, turn right and proceed 1.2 miles to proposed access road sign. Follow flags 0.25 mile to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

Approximately 0.25 mile of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 5%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.
- H. Gates, cattleguards or fence cuts - none required.

I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
- 3. Production facilities will be accommodated on the

existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be

hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If at the time of construction it is determined to be necessary, the reserve pit will be

lined with a plastic nylon reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. Corner #2 will be rounded approximately 30' to avoid a natural drainage.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind on the South side of location near corner #8. This pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the well site location.

The reserve pit will not be lined unless requested by the B.L.M. or unless it is deemed necessary by Equitable Resources. If a plastic-nylon reinforced liner is used, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be

established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the following seed mixture:

Pure Live Seed (PLS)	Seed Mix
lbs./acre	
1	Forage Kochia (Kochia prostrata)
5	Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam)
4	Russian Wildrye (Elymus junceus)
2	Fourwing Saltbush (Atriplex canescens)

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the

ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (a) re-establishing irrigation systems where applicable,
 - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 12 miles South of Myton

Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.

2. There are no occupied dwellings in the immediate area
3. An archaeological report will be forwarded upon completion.
4. There are no reported restrictions or reservations noted on the oil and gas lease.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Mike Perius, Operations Supervisor Home (406)656-9719

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

January 27, 1993
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Enviromental
and Regulatory Affairs
BALCRON OIL division of
Equitable Resources Energy
Company

BALCRON OIL COMPANY

Geologic Prognosis

EXPLORATORY
DEVELOPMENT X

WELL NAME: Balcron Monument Butte Fed #14-5 PROSPECT/FIELD: Monument Butte
 LOCATION: 8WSW 660 FSL, 660 FWL SECTION 5 TOWNSHIP 9S RANGE 17E
 COUNTY: Duchesne STATE: UT GL (Ung): 5238.7 EST KB: 5251 TOTAL DEPTH 5700

FORM. TOPS:

Prognosis			Sample Top			Prognosis			Sample Top		
Formation	Depth	Datum	Depth	Datum	Datum	Formation	Depth	Datum	Depth	Datum	Datum
KB		5251			5292						
Duchesne	Surf										
Green River	1401	3848			3899						
Horseshoe Bench	2108	3143			3194						
Pay #1 Y-2	4110	1141			1192						
Douglas Creek	4591	660			711						
Pay #2 R-2	4672	579			630						
Pay #3 G-3	5028	223									
Pay #4 G-4	5064	187			238						
Wasatch Tongue	5426	175			124						
Pay #5 B-1	5465	-214			-163						
Pay #6 B-3	5583	-332			-281						
TD	5700										

CONTROL WELL: Getty #7A dir/Oil: NENE Section 7 Township 9S Range 17E

SAMPLES:

50	samples	1000	to	4000	LOGS:		from	sur csg	to	TD
20	samples	4000	to	TD	DIL		from	3500	to	TD
	samples		to		LDT/CNL		from		to	
	samples		to				from		to	
	samples		to				from		to	
	samples		to				from		to	
	samples		to				from		to	

Send Samples To:

Utah Geological Sample Library1-Dry Out

CONES:

NONE

DRILL STEM TESTS:

NONE

MUD LOGGER/HOT WIRE:

Required: (Yes/No) YESType: Two Man

WELLSITE GEOLOGIST:

From 1000 to TD

Name: _____ Title: _____

Address: _____

COMMENTS:

PREPARED BY: K. K. Reinschmidt, S. W. VanDelinderDATE: 11/13/92

**BALCRON OIL
DRILLING PROGRAM**

WELL NAME: Balcron Monument PROSPECT/FIELD: Monument Butte
Federal # 14-5
LOCATION: SW SW Sec 5 Twn 9S Rge 17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

12 1/4" Surf to 260'
7 7/8" 260' to 5700'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface	0'	260'	8 5/8"	24 #/FT	J-55
Production	0'	5700'	5 1/2"	15.50#/Ft	J-55

All casing will be ST&C, 8RD, New

CEMENT PROGRAM

Surface 250 sacks class "G" with 3% CaCl.
(Note: Volumes are 100% excess.)

Production 250 sacks Haliburton Hifill with 10 #/SK
Gilsonite tailed with 180 sacks 50/50 Poz with
0.3% CFR-3, 1/4 #/Sk Flocele, 0.5% Halad-24, and
10% salt.
(Note: Actual volumes will be calculated from
caliper log.)

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air / Air Mist	Surf	260	NA	NA	NA
Water/fresh Gel	260'	5700'	8.7-8.9	10-12	12-14

COMMENTS

- 1.) No cores or DSTs are planned .
- 2.) Logging program: DIL/FDC/CNL/GR.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed 14-5
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
 Shut in surface pressure : 2280 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,700	5-1/2"	15.50	J-55	ST&C	5,700	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2850	4040	1.418	2850	4810	1.69	88.35	202	2.29 J

Prepared by : McCoskery, Billings, MT

Date : 11-30-1992

Remarks :

Minimum segment length for the 5,700 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and
 2,850 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1990 pricing model. (Version 1.0G)



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800

IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

Equitable Resources Energy Company
P. O. Box 21017
Billings, Montana 59104

OIL AND GAS

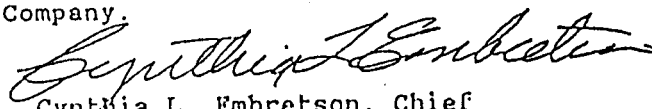
CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.


Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

Form 3104-8
(July 1984)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable

KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- ☐ The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

WHEREAS the principal is authorized to drill for, mine, ex-



SURETY RIDER

EXHIBIT "E" Page 3 of 4
SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY
OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88
(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,
(SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89
(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89
(MONTH, DAY, YEAR)
EQUITABLE RESOURCES ENERGY COMPANY
PRINCIPAL

By: _____ TITLE

SAFECO INSURANCE COMPANY OF AMERICA

SURETY

By: R. George Voinchet ATTORNEY-IN-FACT



POWER
OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

EXHIBIT "E" Page 4 of 4
3798

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VEHR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

- (i) The provisions of Article V, Section 13 of the By-Laws, and
- (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
- (iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

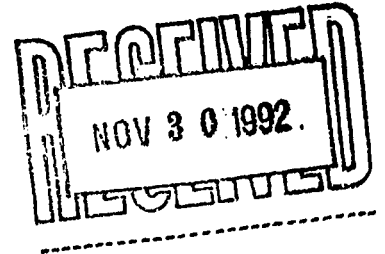
this 10th day of April, 19 89.



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

November 24, 1992



Subject: **CULTURAL RESOURCE EVALUATION OF 7 PROPOSED
WELL LOCATIONS IN THE CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY, UTAH**

Project: **BALCRON OIL CO. -- 1992 Development
Program for the Monument Butte Lease Area
UNITS: 14-15, 32-11, 21-17, 14-5, 22-5, 23-5, & 13-8**

Project No.: **BLCR-92-8**

Permit No.: **Dept. of Interior -- UT-92-54937**

Utah Project No.: **UT-92-AF-634b**

To: **Ms. Bobbie Schuman, Balcron Oil Co., P.O. Box 21017, Billings Montana
59104**

**Mr. David Little, District Manager, Bureau of Land Management, 170
South 500 East, Vernal, Utah 84078**

Info: **Antiquities Section, Division of State History, 300 Rio Grande, Salt
Lake City, Utah 84101**

**CULTURAL RESOURCE EVALUATION
OF SEVEN PROPOSED WELL LOCATIONS IN THE
CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH**

Report Prepared for BALCRON OIL COMPANY

**Dept. of Interior Permit No.: UT-92-54937
AERC Project 1358 (BLCR-92-8)**

Utah State Project No.: UT-92-AF-634b

**Principal Investigator & Author of Report
F. Richard Hauck, Ph.D.**



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

**181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853**

November 24, 1992

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company of seven proposed well locations on federal lands in the Castle Peak Draw locality of Duchesne County, Utah. The examinations of these seven locations involved a total of 87.75 acres of which 15.75 acres (1.3 mile) includes five separate access routes associated with Units 14-15, 32-11, 21-17, 14-5, and 13-8. The remaining 70 acres involves ten acre parcels at all seven of the proposed Units (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, and 13-8). These evaluations were conducted between November 3 and 17, 1992 by archaeologist Glade Hadden under the supervision of F. Richard Hauck. An AERC team consisting of Glade Hadden, Lance Harding, Michael Hauck, and F.R. Hauck participated in the recording and analyses of the cultural sites.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No diagnostic isolated artifacts were observed during the evaluations.

A paleontologically sensitive area was observed and flagged for avoidance in association with the access route into Unit 14-5.

Two newly identified cultural resource activity loci were evaluated and recorded during the examinations. These sites (42DC 765 and 42DC 766) consist of a significant open occupation and a significant lithic scatter associated respectively with proposed Units 13-8 and 23-5.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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LIST OF MAPS OF THE PROJECT AREA

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MAP 2: Cultural Resource Survey of Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County	3

GENERAL INFORMATION

Between November 3 and 17, 1992, archaeologist Glade Hadden acting under the supervision of F.R. Hauck conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved seven separate well locations (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, and 13-8) and five linear access route evaluations totaling 1.3 mile associated with Units 14-15, 32-11, 21-17, 14-5, and 13-8. This project area is situated in the Castle Peak Draw locality of Duchesne County, Utah.

This project is situated on federal lands administered by the Diamond Mountain Resource Area of the Vernal District of the Bureau of Land Management.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations requires an archaeological evaluation in compliance with the Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

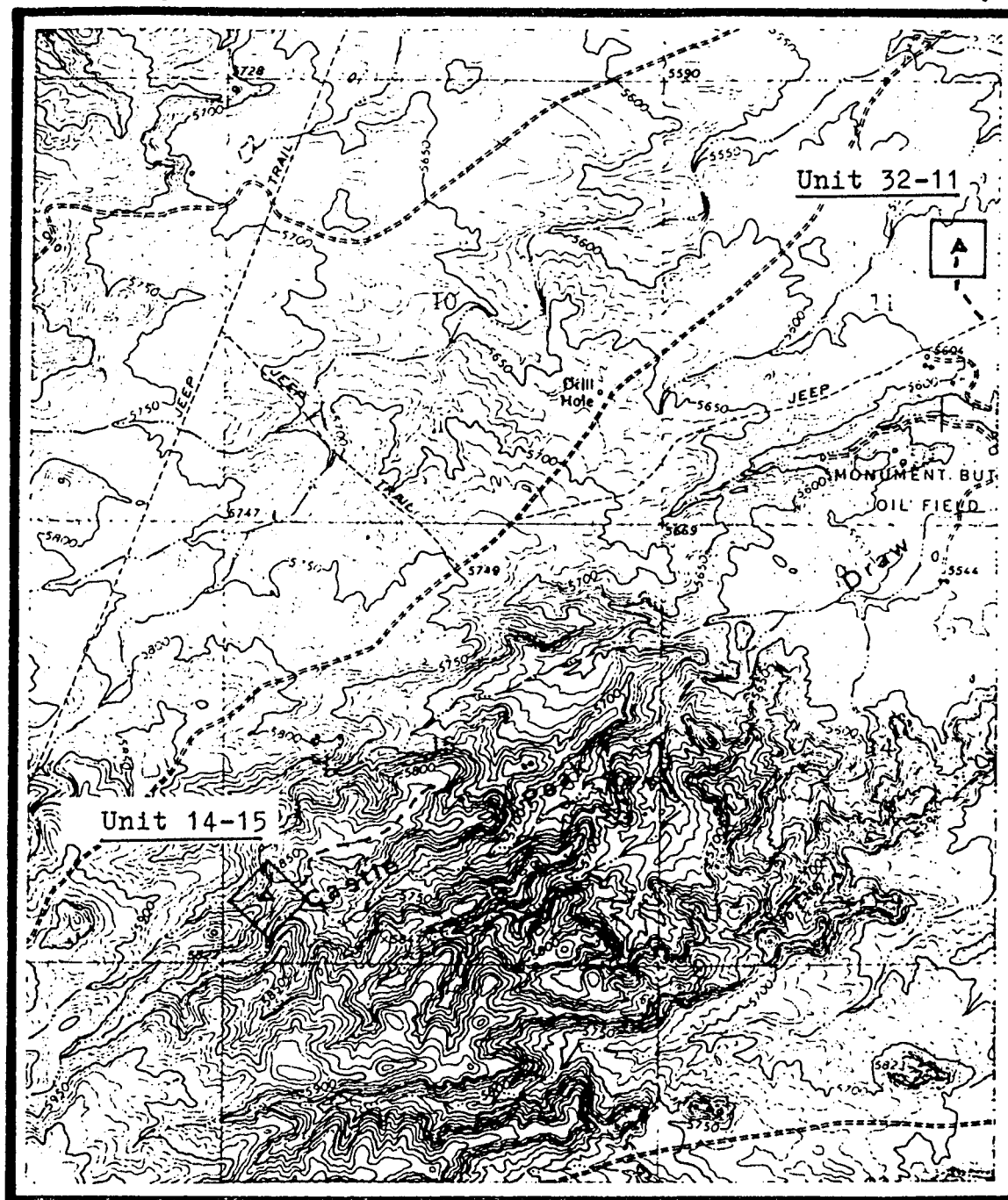
In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section of the Utah State Division of History. This work was done under U.S. Department of Interior Permit for Utah UT-92-54937 which expires on January 31, 1993.

The seven evaluated well locations included seven 10 acre parcel evaluations for a total of 70 acres. A series of 15 to 20 meter-wide survey transects were walked within the 100 foot-wide corridors associated with the five access routes covering a total distance of 1.3 miles or some 15.75 acres. A total of 85.75 acres were examined during this inventory.

Project Location




The project location is in the Vernal District of the Bureau of Land Management. It is situated on the Myton SE, 7.5 minute topographic quad as shown on the attached maps.

Unit 14-15 is situated in the SW - SW quarter of Section 15, Township 9 South, Range 16 East. Its access route extends for ca. .5 mile to the northeast into the center of that section to connect with another well location (see Map 1).



T. 9 South
R. 16 East
Meridian: SL
Quad: Myton SE,
Utah

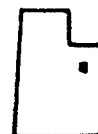
MAP 1
Cultural Resource Survey
of Proposed Well Locations
in the Castle Peak Draw
Locality of Duchesne Co.

Legend:
Well Location 
Access Route 
Ten Acre Survey Area 

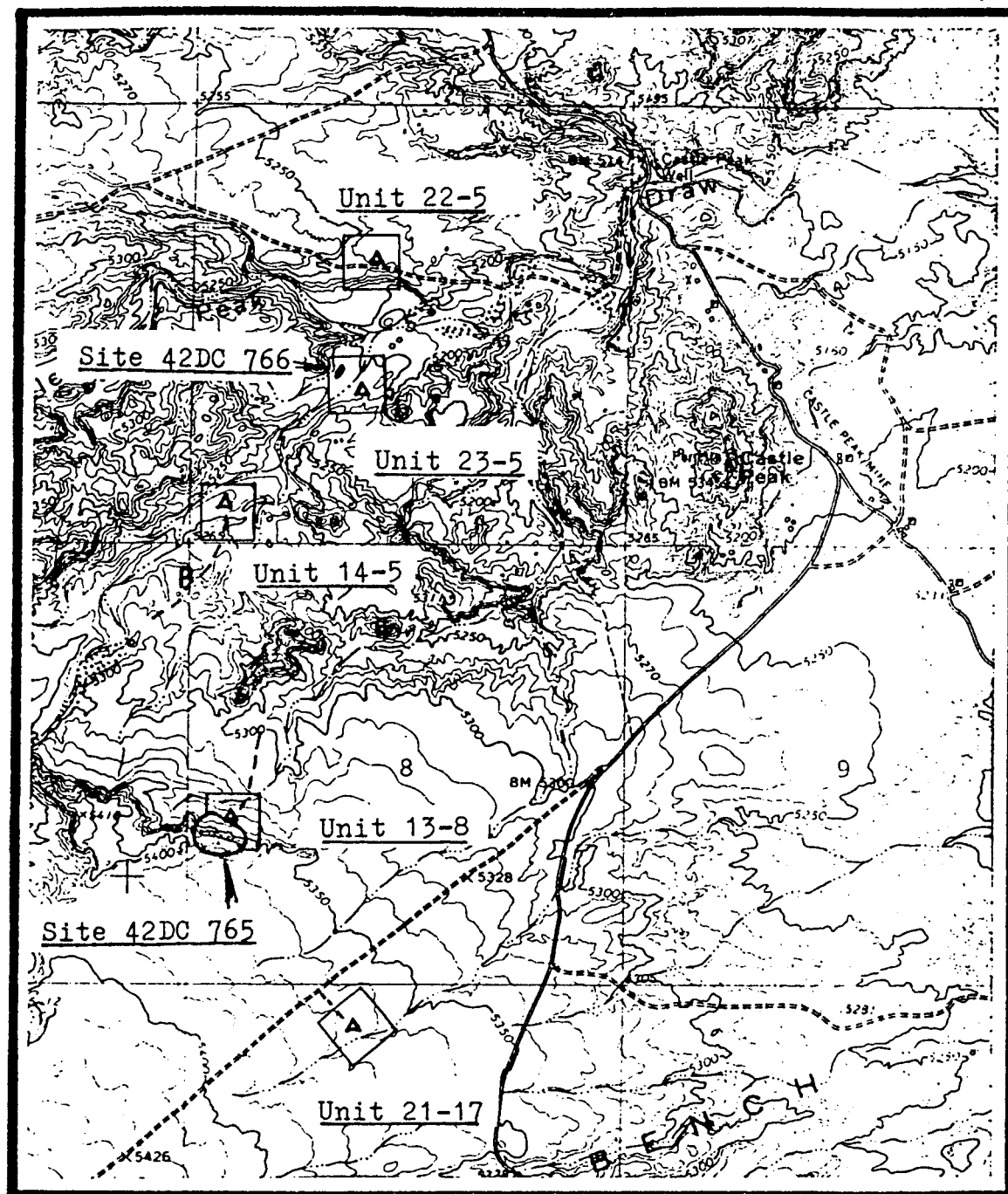
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Project: BLCR-92-8
Series: Uinta Basin
Date: 11-24-92

Scale: 1:24000








AERC

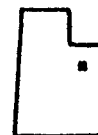


T. 9 South
R. 17 East
Meridian: SL
Quad: Myton SE,
Utah

MAP 2
Cultural Resource Survey
of Proposed Well Locations
in the Castle Peak Draw
Locality of Duchesne Co.

Legend:
Well Location 
Access Route 
Ten Acre Survey Area 
Cultural Site 
Paleontologically Sensitive Area 

4
N
Project: BLCR-92-8
Series: Uinta Basin
Date: 11-24-92
Scale: 1:24000



Unit 32-11 is in the SW - NE quarter of Section 11 of that same township and range. An access route extends ca. .25 mile north from the existing road to the location (see Map 1).

Units 22-5, 23-5 and 14-5 are situated in Section 5, Township 9 South, Range 17 East. These three units are respectively situated in the SE - NW, NE - SW, and SW -SW quarters of that section (see Map 1). Units 22-5 and 23-5 are adjacent to the existing roadways. Unit 14-5 is accessible via a ca. .3 mile-long access that begins in the NE - NE of adjacent Section 7 and extends to the northeast to the well location.

Unit 13-8 is located in the NW - SW quarter of Section 8, Township 9 South, Range 17 East (see Map 2). Its .25 mile-long access comes in from an existing roadway to the north of the location.

Unit 21-17 is also located in Township 9 South, Range 17 East. It is situated in the NE - NW quarter of Section 17 (see Map 2). This unit has a short (ca. 500 foot-long) access route which will connect the location with the existing road to the north of the location.

Environmental Description:

The project areas range within the 5200 to 5900 foot elevation zone above sea level. Open rangeland terrain surfaces are associated with all locations.

The vegetation in the project area includes *Chrysothamnus* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Artemesia tridentata*, *Atriplex canescens*, and *Bromus tectorum*.

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on September 8, and November 3, 1992. A similar search was conducted in the Vernal District Office of the BLM on November 3, 1992. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources, including 42DC 349, 350, 351, 352, 353, 732, 761, and 763 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a, 1992b, 1992c, 1992d). Additional sites previously recorded in this locality include Sites 42DC 423, 424, and 425 which were documented by Sagebrush (Polk 1982).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the region have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Open occupations are also known in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., the Fremont Culture, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and principal tributaries.

The majority of known sites in this project area are lithic scatters (42DC 349, 350, 353 and 763). Open occupations such as 42DC 352 are also present. Sites 42DC 351 and 761 are rock shelters. Based on the recovery of a Folsom point and a Desert Side-notch arrow point, a possible Paleoindian component and a more recent Numic component exist on Site 42DC 353. Sites in the project locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period.

Site density in Castle Peak Draw appears to range from six to over ten sites per section. This moderate to high density decreases substantially on the benches.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking 10 to 20 meter-wide transects within each ten acre parcel associated with a well location. In addition, double 15 to 20 meter-wide transects were walked flanking the flagged centerline. Thus, ca. 1.3 miles or 15.75 acres of public lands associated with the five access routes and another 70 acres associated with the seven well locations were examined by Glade Hadden acting under the direction of F. Richard Hauck, the Principal Investigator.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory:

Two significant prehistoric cultural resource activity loci were observed, evaluated and recorded during the archaeological evaluations. These sites have been subsequently listed in the State and BLM files as 42DC 765 and 42DC 766.

Site 42DC 765 consists of a 220 x 150 meter lithic scatter/rock shelter complex that is predominantly associated with the southern edge and slope of an exposed sandstone ledge complex. Detritus spread extends nearly 40 meters south of the ledge and a sparse scatter of detritus exists on the north slope of the ledge within the perimeters of staked unit No.13-8. This generally dispersed distribution of primarily secondary flakes and core fragments indicates extensive prehistoric activity within the southern portion of this site. The stabilized sand deposits in the site may contain buried features. Sandstone fragments indicate presence of both deflated and buried hearths. Site contains three components: an extensive prehistoric occupation, a historic camp, and a modern sheepherder camp. The historic is primarily defined by the presence of green and purple glass and soldered-top tin cans. Site is in three units. Unit A which measures ca. 120 meters east-west is on the east side of the site and has a southern exposure. Unit A contains the three components, a large lithic scatter, and a shallow rock shelter complex. Unit B is on the western end of the site and contains an exposed ledge complex. It also has a southern exposure. A badly vandalized rock shelter marks the western end of Unit B. Unit B also contains a dispersed lithic scatter and some scattered historic and modern debris. Unit B contains fragments of a mano and metates near the shelter as well as oxidized stone. Unit C is on the north slope of the rock outcrop. The southwest corner of proposed Well No. 13-8 has been staked overlapping into Unit C. Unit C contains several isolated flakes and a collector's pile which is well outside the proposed development zone. Unit C contains low, stabilized dunes which may have potential for containing buried features and occupational surfaces. Because Unit C has a northern exposure, its potential for containing extensive occupational strata and material deposits is relatively low. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a significant resource. Units A and B particularly have the potential for providing pertinent and valuable information on the prehistory of the region relative to criterion d of Title 36 CFR 60.6. These two units also have excellent

to good research potential. Unit C has marginal significance due to the lack of artifact and feature contexts. Its cultural value is primarily associated to its relationship to the more intensively occupied portions of the site, i.e., Units A and B, which are to the south and above the proposed well location.

Proposed Well 13-8 will overlap into the northeastern portion of Unit C. About five isolated flakes were observed in the development zone. A collector's pile of detritus is also situated in Unit C but is well outside the construction area (ca. 130 meters to the west of the well center). The low stabilized dunes in Unit C may contain buried features and occupational strata but that potential is considered to be relatively low. AERC recommends that the development of the well pad be monitored by a qualified archaeologist in order to identify and properly mitigate any cultural strata, materials, or features that may be exposed during the construction phase. AERC does not recommend any further action relative to Units A and B since both portions of the site are well outside the development area and because previous vandalism has already seriously disturbed the primary rock shelter on the site in Unit B. The shallow shelter areas in Units A and B that may contain intact cultural strata and/or features are not readily discernible by most individuals, hence the potential for secondary impact in Units A and B is considered to be nominal and no further action is advised.

Site 42DC 766 consists of a 20 x 15 meter lithic scatter that is situated on the top of a low, stabilized dune that parallels the drainage channel on the north side of the road and the channel. The site contains a relatively sparse (32 items counted) scatter of secondary flakes which are predominantly Parachute Creek chert. The stabilized sand deposits in the site proper may possibly contain buried features. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a significant resource and has research potential qualifying under criterion d of Title 36 CFR 60.6.

Site 42DC 766 is situated within the ten acre survey parcel associated with Well Unit No. 23-5 but is not within the potential development zone. This site is not endangered by secondary impact, i.e. vehicle traffic or vandalism, since it is across the drainage channel from the road and the proposed well location and thus not adjacent to the development area. In addition, the site is not readily identifiable to potential collectors or vandals. For these reasons, AERC does not propose any mitigation recommendations relative to Site 42DC 766.

None of the previously recorded cultural sites in this project locality will be adversely affected by the proposed developments.

No isolated diagnostic artifacts were observed or collected during the survey.

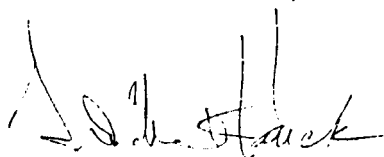
A single paleontologically sensitive locality was identified during this survey. This locality is associated with a partially exposed clay hill adjacent to the access route into Unit 14-5 (see Map 2). This low, clay mound which has the potential for containing intact turtle remains was flagged in red to facilitate avoidance during the road construction phase.

CONCLUSION AND RECOMMENDATIONS

The development and maintenance of these seven locations will not have any adverse effect on the cultural resources in this locality including Sites 42DC 765 and 42DC 766 as long as the recommendations provided below are followed.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the seven well locations noted above based upon adherence to the following stipulations:

1. The initial development of Unit 13-8 should be monitored by a qualified archaeologist in order to insure the identification, recording, and proper mitigation of any buried cultural deposits, occupational strata, or features which could be adversely impacted during this construction phase.
2. Development of the access route into Unit 14-5 should avoid disturbing the red-flagged clay mound which may contain a sensitive paleontological deposit.
3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the development areas.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation (AERC), Bountiful.

Polk, Michael

- 1982 Cultural resource inventory of NGC Well No. 12-8h. Report prepared by Sagebrush Archaeological Consultants, Ogden.

Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Summary Report of
Inspection for Cultural Resources

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments: _____

C A S T L E P E A K D R A W 7 W E L L U N I T S

1. Report Title

BALCRON OIL CO. (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, & 13-8)

2. Development Company

1 1 27 1 9 9 2

UT-92-54937

3. Report Date 4. Antiquities Permit No. _____

A E R C B L C R - 9 2 - 8

Duchesne

5. Responsible Institution County _____

6. Fieldwork

Location: TWN RNG Section.
7. Resource Area TWN RNG Section.
.D.M.

8. Description of Examination Procedures: The archeologist, Glade Hadden, acting under the direction of F.R. Hauck intensively examined seven 10 acre well parcels and associated access routes by walking a series of 10 to 20 meter-wide transects within the locations and along the flagged access centerlines.

9. Linear Miles Surveyed 1 . 3
and/or
Definable Acres Surveyed
and/or
Legally Undefinable 8 7 . 7 5
Acres Surveyed
10. Inventory Type I
R = Reconnaissance
I = Intensive
S = Statistical Sample

11. Description of Findings: Two cultural resource sites were identified during the survey. Site 42DC 765 is a rock shelter/lithic scatter complex. Site 42DC 766 is a lithic scatter. Both sites are significant resources.
12. Number Sites Found .2.
13. Collection: .N.
(Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected: The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 9-8-92 & 11-3-92
Vernal District Office Records 11-3-92

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:

1. The initial development of Unit 13-8 should be monitored by a qualified archaeologist in order to insure the identification, recording, and proper mitigation of any buried cultural deposits, occupational strata, or features which could be adversely impacted during this construction phase.
2. Development of the access route into Unit 14-5 should avoid disturbing the red-flagged clay mound which may contain a sensitive paleontological deposit.
3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the development areas.

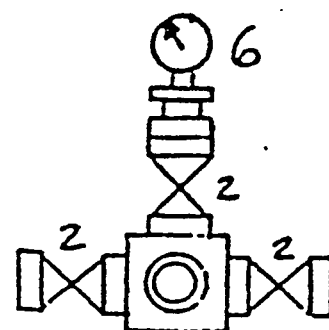
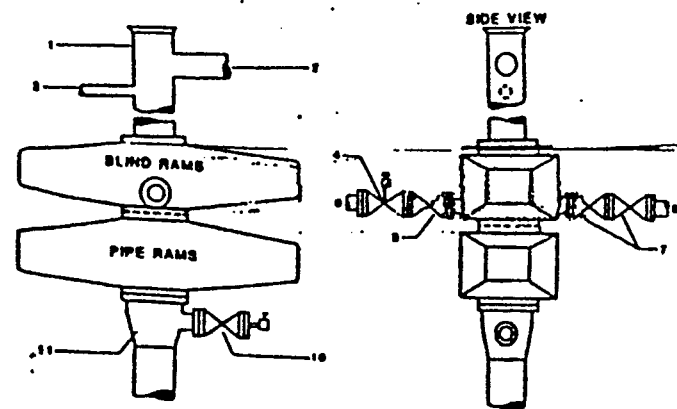
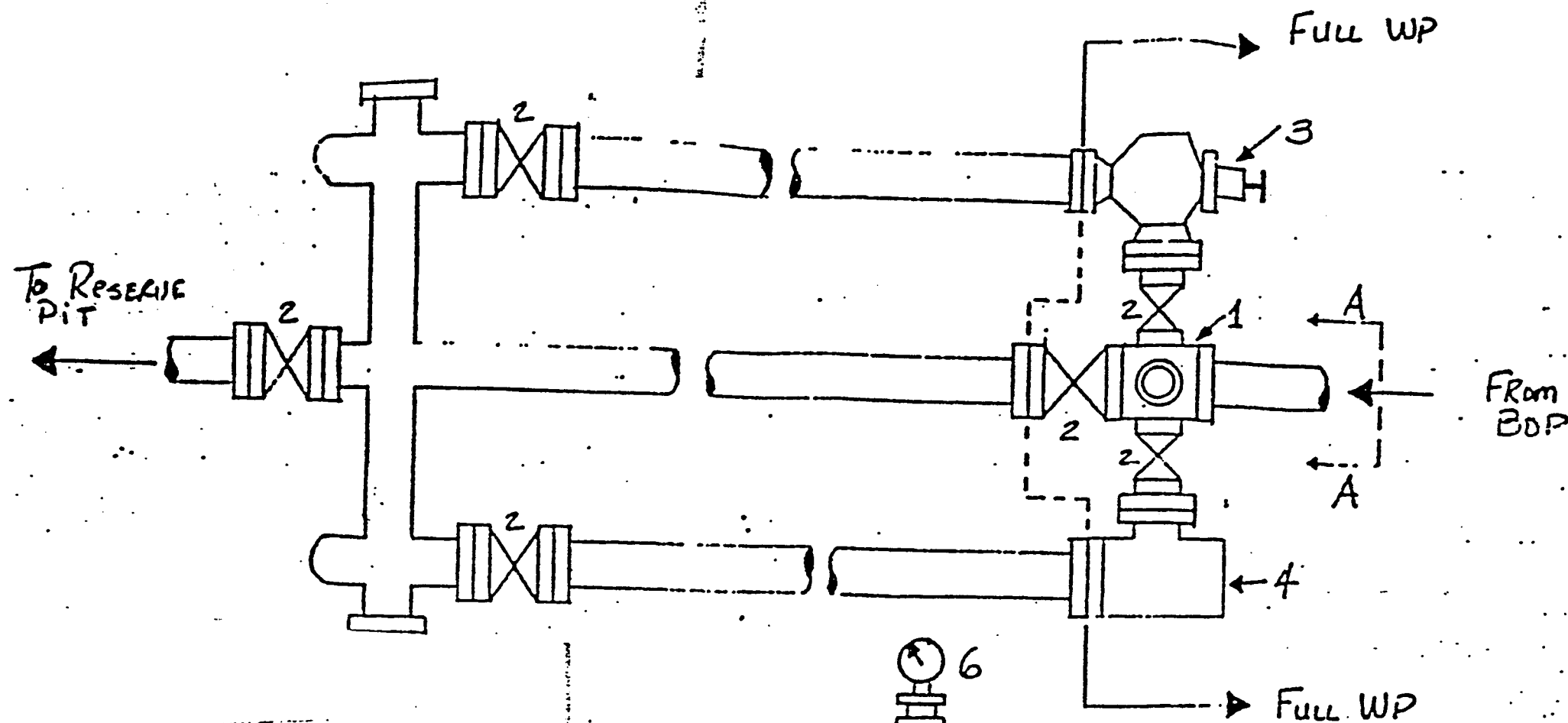
17. Signature of Administrator
& Field Supervisor

UT 8100-3 (2/85)

Administrator

Field
Supervisor

[Signature]
[Signature]

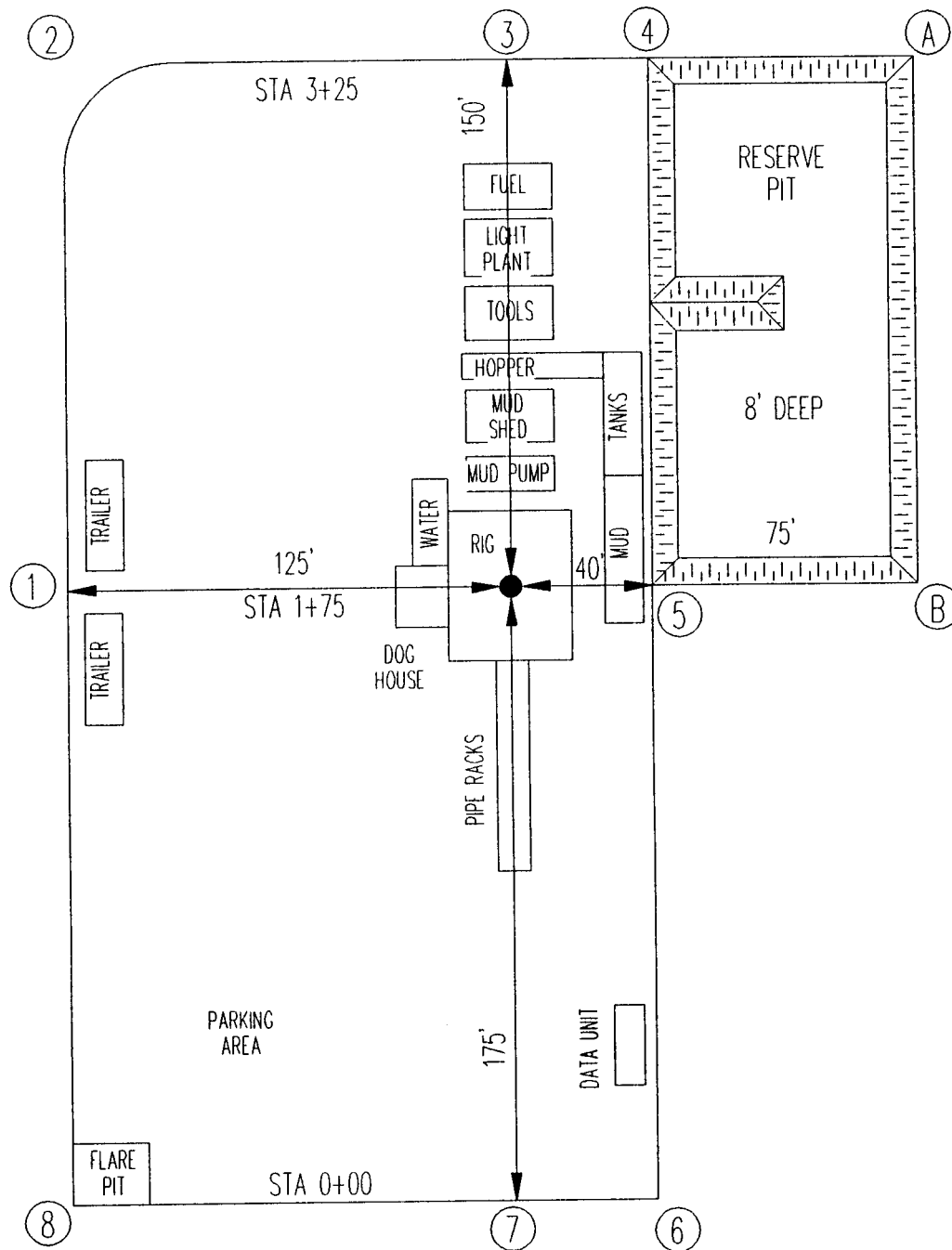


1. Cross
2. Gate Valve
3. Adjustable Choke
4. Positive Choke
5. Welded Bull Plug, Lead Filled
6. 2" - 1000 psi mud pressure gauge

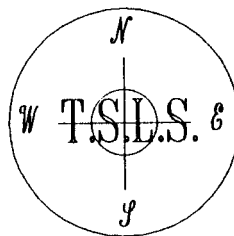
Notes: All lines must be securely anchored.

BALCRON MONUMENT FEDERAL

WELL LAYOUT #14-5

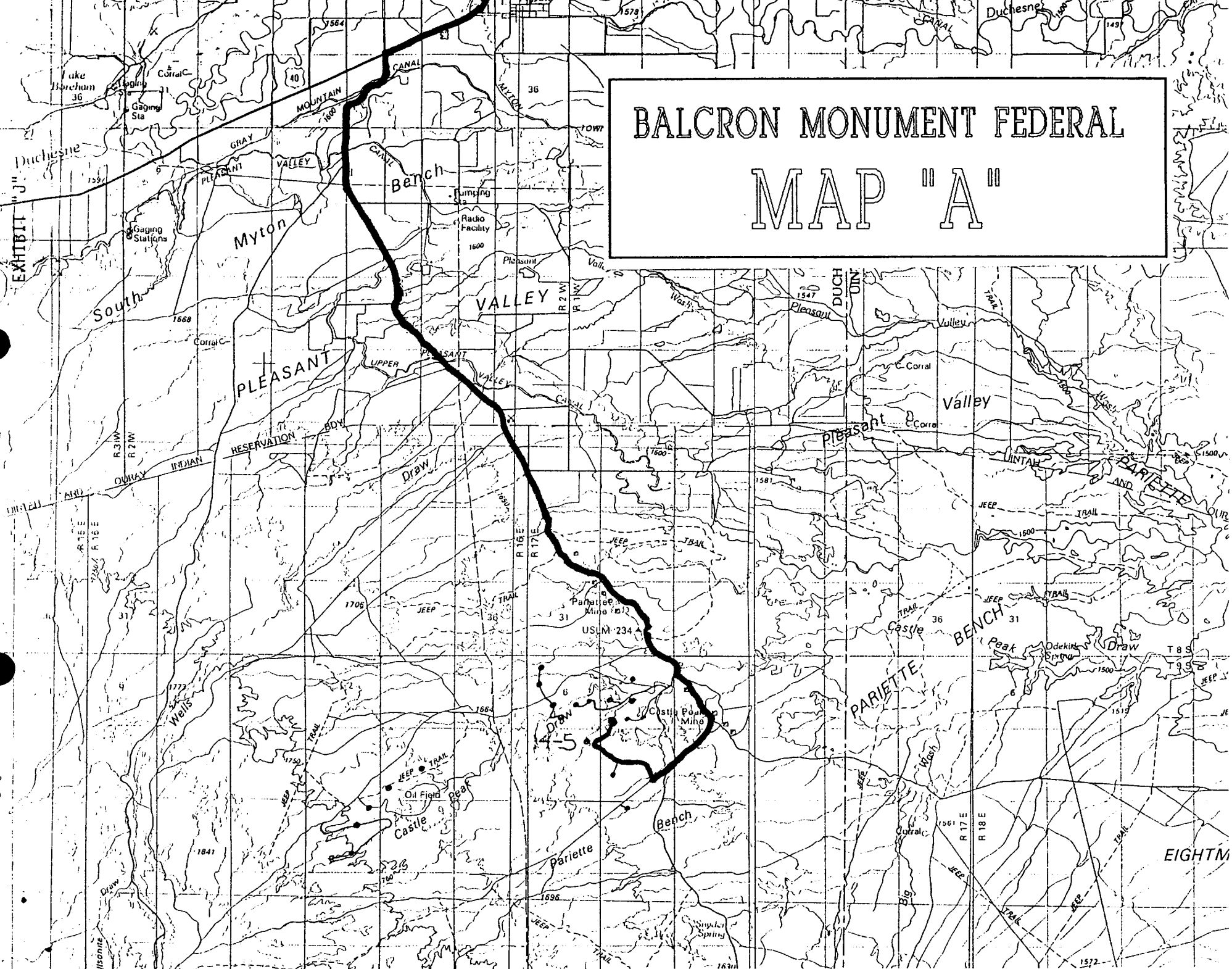


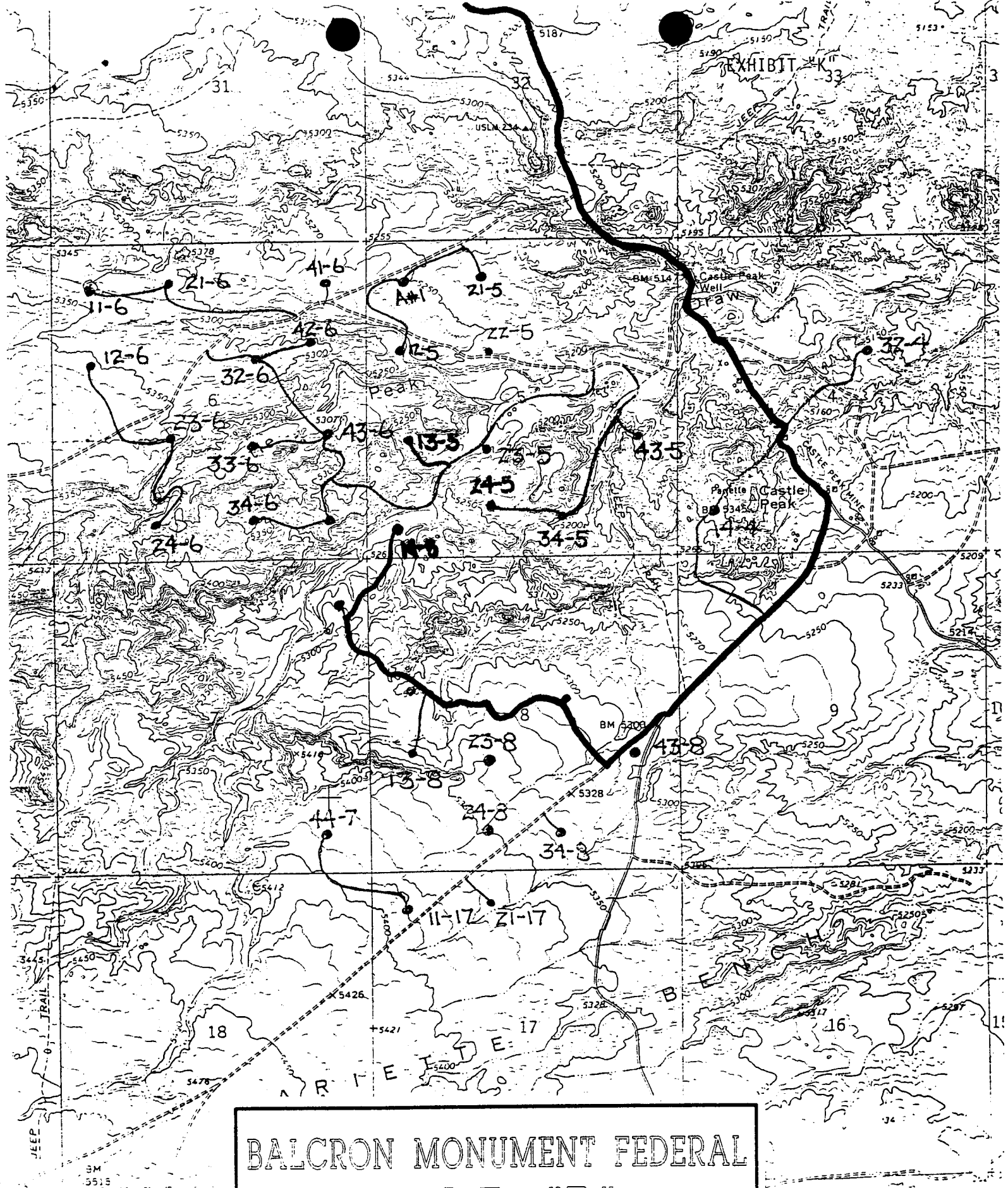
SCALE: 1" = 50'



TRI-STATE LAND SURVEYING
P.O. BOX 533 VERNAL, UT. 84078
(801)781-2501

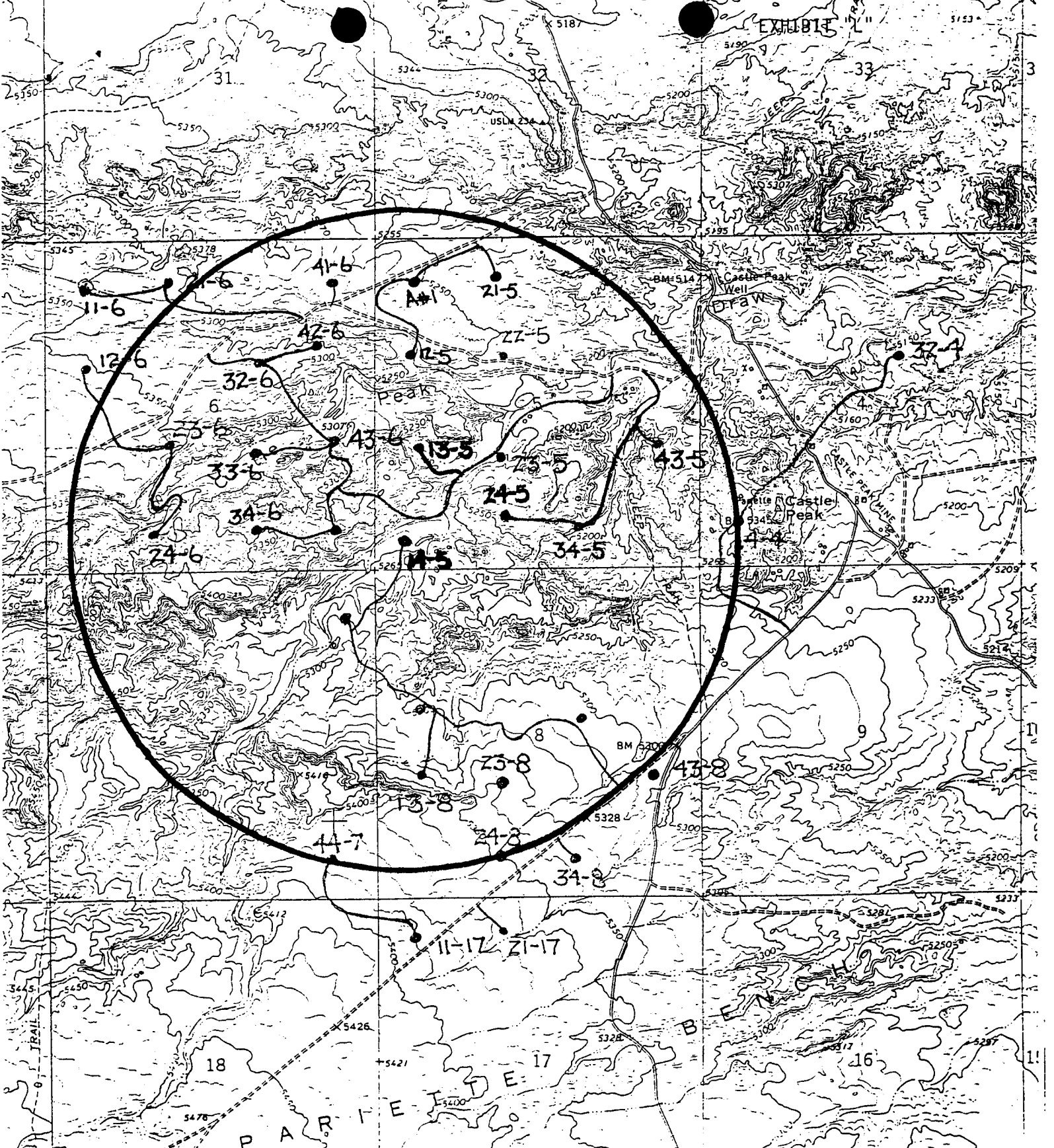
BALCRON MONUMENT FEDERAL MAP "A"





BALCRON MONUMENT FEDERAL
MAP "E"

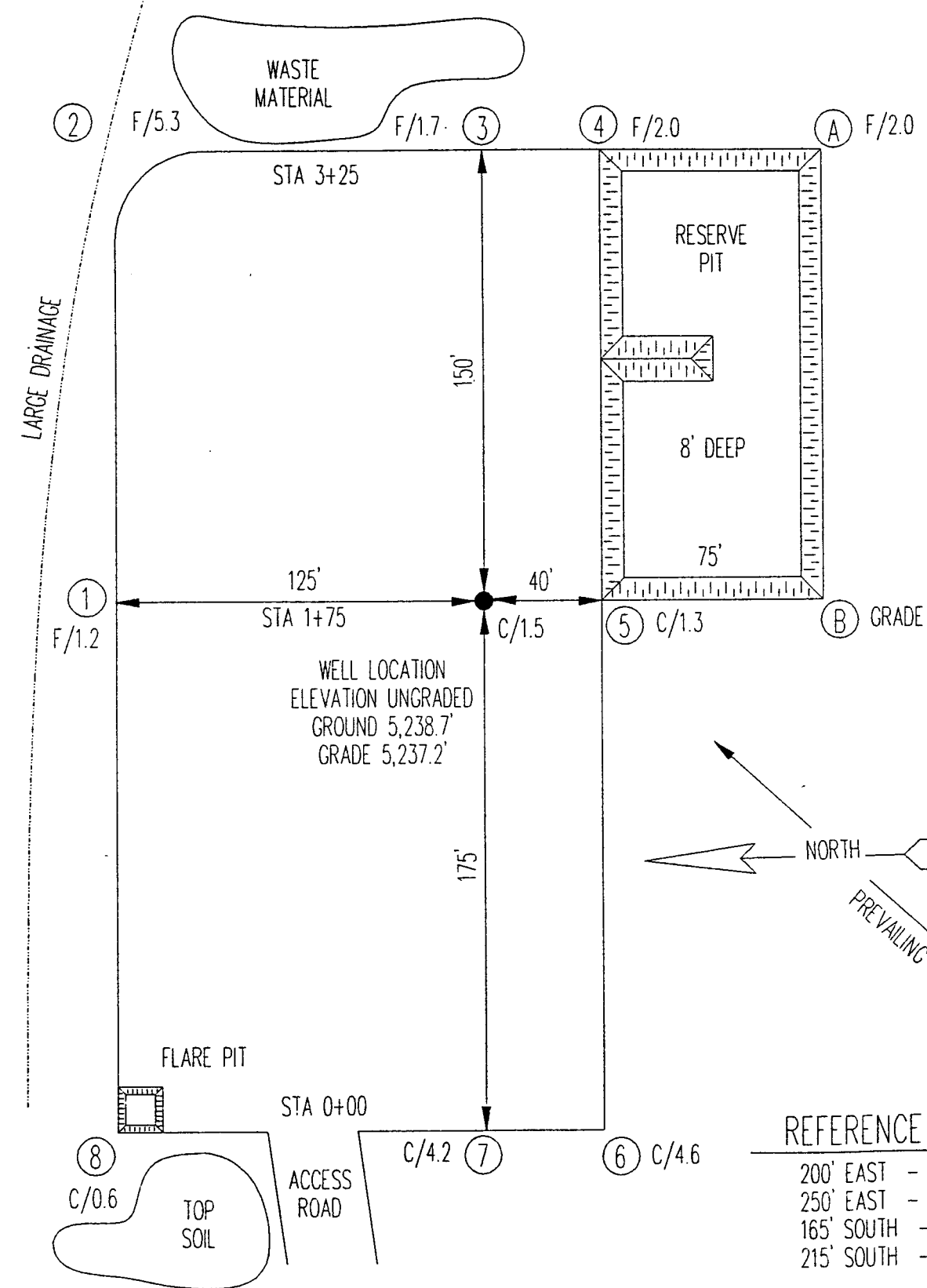
EXHIBIT



BALCRON MONUMENT FEDERAL
MAP "C"

BALCRON MONUMENT FEDERAL

WELL PLAT #14-5

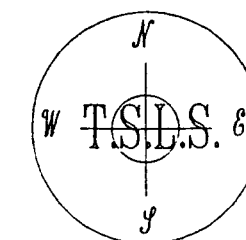


REFERENCE POINTS

200' EAST	-	5,234.6'
250' EAST	-	5,233.4'
165' SOUTH	-	5,240.0'
215' SOUTH	-	5,246.1'

APPROXIMATE YARDAGE

CUT	=	1,943.3
FILL	=	1,543.5
PIT	=	2,977.8

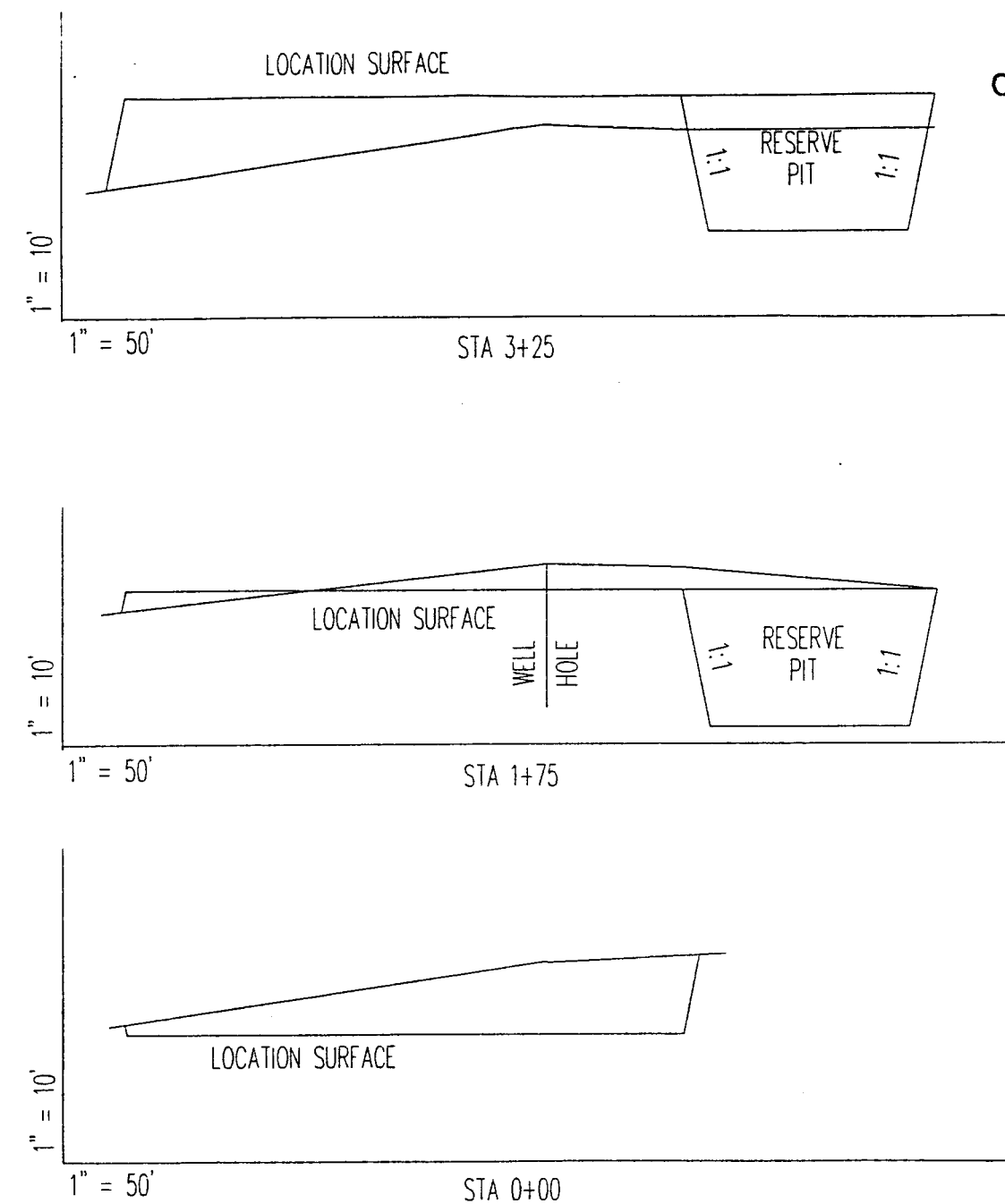


TRI-STATE LAND SURVEYING
P.O. BOX 533 VERNAL, UT. 84078
(801)781-2501

RECEIVED

JAN 29 1993

DIVISION OF
OIL GAS & MINING



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 01/29/93

OPERATOR: BALCRON OIL
WELL NAME: BALCRON MONUMENT FED 14-5

OPERATOR ACCT NO: N- 9890

API NO. ASSIGNED: 43 - 013 - 31385

LEASE TYPE: FED LEASE NO: U-000050
LOCATION: SWSW 05 - T09S - R17E DUCHESNE COUNTY
FIELD: MONUMENT BUTTE FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond
(Number 14-5)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number no permit #)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
___ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS:

Given add wells within Sec. 5.

STIPULATIONS:

1 Water Permit
cc: Duchesne county assessor.

CONFIDENTIAL
PERIOD

EXPIRED
ON 12-31-94



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 12, 1993

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Gentlemen:

Re: Balcron Monument Federal 14-5 Well, 566 feet from the south line, 517 feet from the west line, SW 1/4 SW 1/4, Section 5, Township 9 South, Range 17 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Submittal to the division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. § 73-3, Appropriations, prior to commencing drilling operations.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.



Page 2
Equitable Resources Energy Company
Balcron Monument Federal 14-5 Well
April 12, 1993

6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.
7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31385.

Sincerely,



R.J. Firth

Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
Duchesne County Assessor
J.L. Thompson
WOI1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

566' FSL 517' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 12 miles SW of Myton, Utah

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

13. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5238.7'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See EXHIBIT "D" for details				

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING/CASING PROGRAM
"E" EVIDENCE OF BOND COVERAGE
"F" ARCHEOLOGY REPORT
"G" SURVEY PLAT

"H" BOPE SCHEMATIC
"I" RIG LAYOUT
"J" EXISTING ROADS (MAP A)
"K" PLANNED ACCESS (MAP B)
"L" EXISTING WELLS (MAP C)
"M" CUT & FILL DIAGRAM

RECEIVED
JAN 29 1993

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Sobbie Schuman
Sobbie Schuman

TITLE

Coordinator of Environmental
and Regulatory Affairs

DATE

Jan. 27, 1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Thomas D. Cherry

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

JUL 27 1993

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

WELL LOCATION INFORMATION

Company/Operator: Equitable Resources Energy Company

API Number 43-013-31385

Well Name & Number: Balcron Monument Federal 14-5

Lease Number: U-020252

Location: SWSW Sec. 5 T.9 S. R.17 E.

Surface Ownership: Federal

Date NOS Received October 1, 1992

Date APD Received January 29, 1993

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at \pm 2,840 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2,640 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

Ed Forsman	(801) 789-7077
Petroleum Engineer	

BLM FAX Machine	(801) 789-3634
-----------------	----------------

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

Surface Use Plan of Operations:

"If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O."

The flare pit will be located downwind of the prevailing wind direction on the northwest side near Point 8, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

Access to the well pad will be from the west between Points 7 and 8.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;

- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

Except where drilling of a subsequent well is imminent, drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization.

Fall seeding is preferred and will be done after September 15 and before the ground freezes. Spring seeding will be done prior to April 15.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

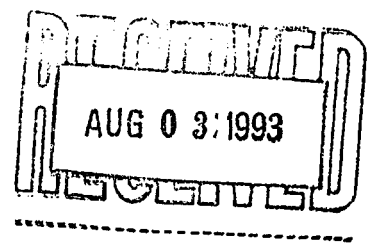
Development of the access route into the No. 14-5 location shall avoid disturbing the low clay mound, flagged in red, which may contain a sensitive paleontology deposit.

The requested emergency pit is hereby approved under NTL-2B, Section VI, subject to the following Conditions of Approval:

1. If emergency use occurs, the emergency pit shall be emptied and the liquids disposed of in accordance with applicable State and/or Federal regulations within 48 hours following its use, unless such time is extended by the authorized officer.
2. As much as practicable, the emergency pit shall be located on level ground, and away from drainage patterns and unstable ground.
3. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for the drilling reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
4. Produced water drain lines shall not go to the emergency pit.
5. The pit shall be bermed or otherwise constructed and maintained to prevent entrance of surface water.
6. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.
7. The pit shall be kept free of trash.

Balcron shall contract a Utah BLM certified paleontologist to survey the location and access road.

If historic, archaeological, or paleontological resources are uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.



BALCRON OIL

43-012-31385

Balcron Monument Federal #14-5

SW SW Section 5, T9S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

A rectangular stamp with the word "RECEIVED" at the top and "AUG 19 1993" in the center. The stamp is slightly tilted and has a dashed line at the bottom.

AUG 19 1993

DIVISION OF
OIL, GAS & MINING

JULY 29, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #14-5

Description of Geology and Topography-

This location is in a badlands area about 1/2 mile south of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah. It is near the bottom of a small canyon which drains to the northeast into Castle Peak Draw and sits south of the current dry stream bed on older valley alluvium. The hills immediately to the northwest are 60 to 80 feet above the valley floor while those to the southeast are only 20 to 30 feet above the valley floor. The access road comes in from the southwest in section 7 over some low badlands hills.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains.

Ground cover in the immediate area of the proposed wellpad is valley alluvium, although bedrock seems close to the surface on the north side near the present stream bottom. Rock outcrops along the proposed access road is mostly interbedded mudstone, and sandstone of the Uinta Formation, but with some sand dunes covering some places.

Paleontological material found -

There were no fossils found on the wellpad area. There are fossils eroding out of the hill south of the location (42DC120V). This fossil material included turtle shell as well as mammal bone fragments (vertebrae, possible small scapula, and other fragments). This area is outside the staked wellpad.

The access road starts off in an area with some scattered turtle shell fragments (site 24DC119V). This area appears to have already been disturbed previously by a road. The Access road also crosses over another area where several other turtles are eroding out. However, if the road is constructed as staked, it should miss undisturbed fossil material.

Recommendations-

On the wellpad, if construction stays on or near the pad as staked, the fossil area south of the pad should not be effected. No other recommendations are made for the wellpad.

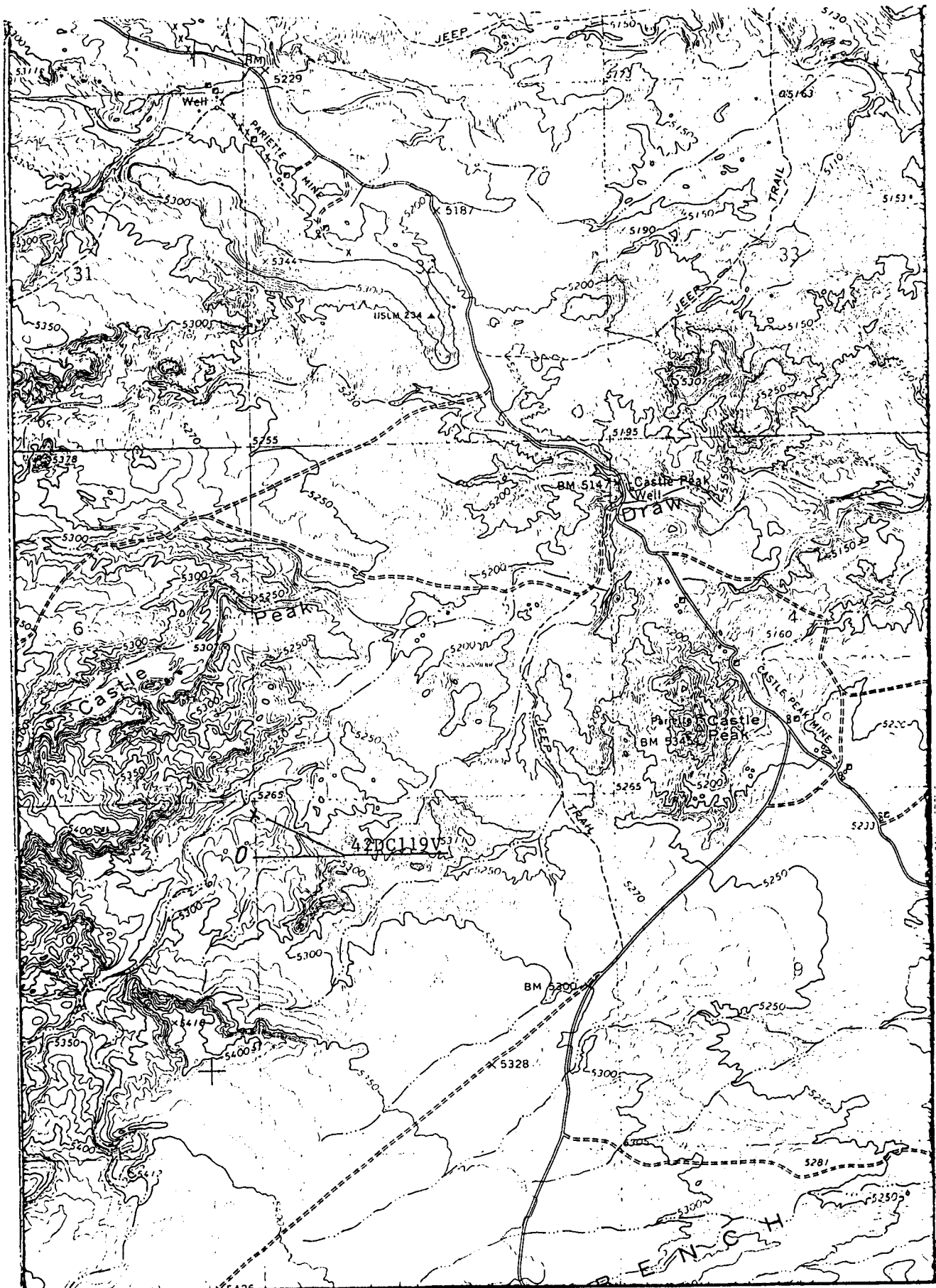
As mentioned above, if the road is constructed where presently stake, it should miss the fossil material along it. There is some possibility that additional fossil material will be encountered during road construction. It is not felt that this is critical enough to warrant monitoring. However, if significant looking fossil material such as mammal bones are found, they

should be evaluated by a paleontologist.

Robert A. Hamblin
Paleontologist

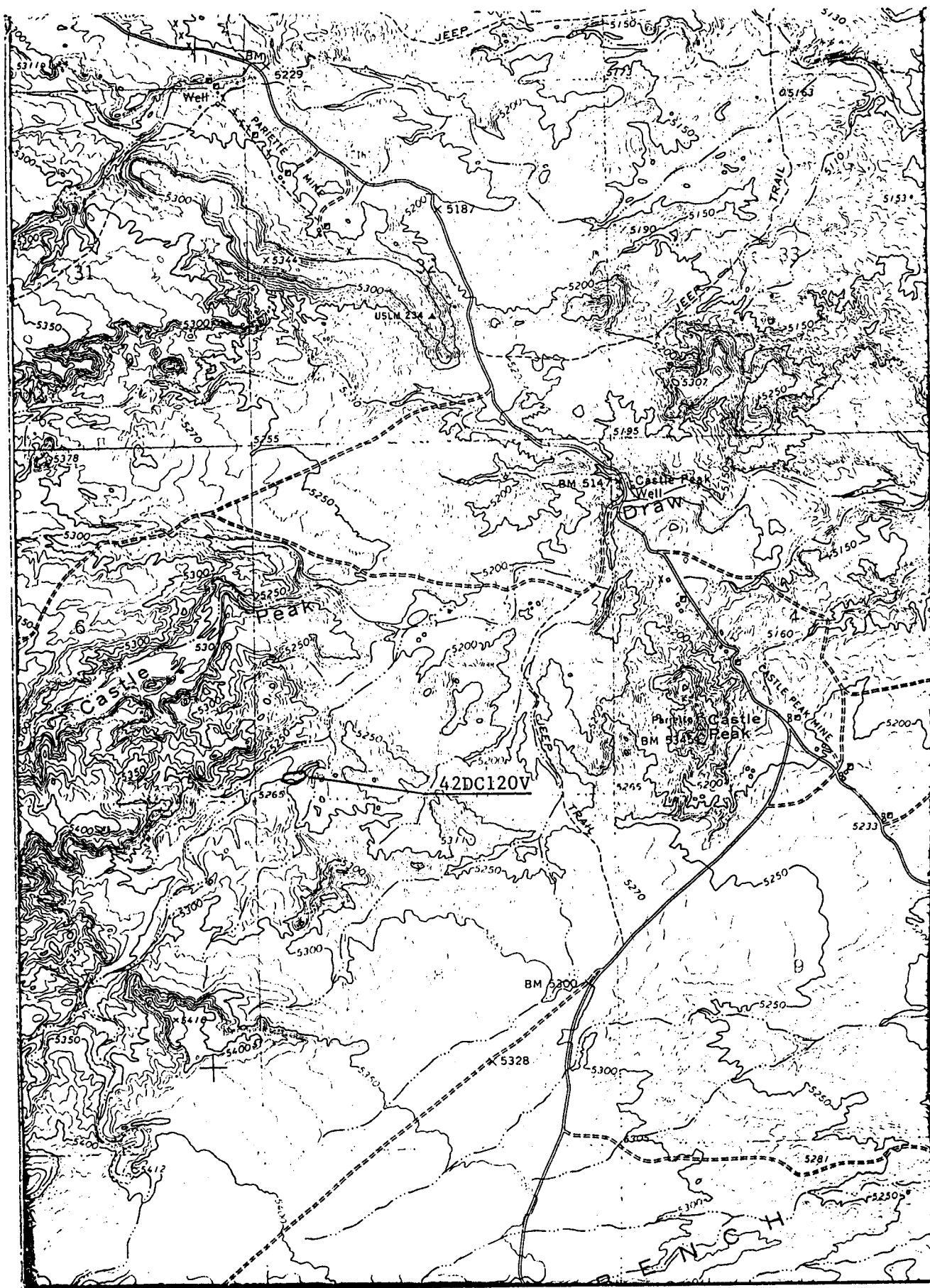
Date *July 29, 1993*

PALEONTOLOGY LOCALITY Data Sheet					Page 1 of 1 plus map						
					State Local. No. 42 DC 119V						
					Agency No.						
					Temp. No BALCRON MONUMENT BUTTE FEDERAL #14-5						
1. Type of locality Invertebrate		Plant		Vertebrate		X		Trace		Other _____	
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene			
3. Description of Geology and Topography: This location is in a badlands area about 1/2 mile south of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah. It is near the bottom of a small canyon which drains to the northeast into Castle Peak Draw and sits south of the current dry stream bed on older valley alluvium. The hills immediately to the northwest are 60 to 80 feet above the valley floor while those to the southeast are only 20 to 30 feet above the valley floor. The access road come in from the southwest in section 7 over some low badlands hills. All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Ground cover in the immediate area of the proposed wellpad is valley alluvium, although bedrock seems close to the surface on the north side near the present stream bottom. Rock outcrops along the proposed access road is mostly interbedded mudstone, and sandstone of the Uinta Formation, but with some sand dunes covering some places.											
4. Location of Outcrop: This location is 1/2 mile south of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah.											
5. Map Ref.		USGS Quad		Myton SE, Utah		Scale		7.5 Min		Edition 1964	
E1/2		of		NE1/4		of		NE1/4		of Sectn 7 T 9 S R 17E Meridn SLB	
6. State: UTAH			County: DUCHESNE COUNTY			BLM/FS District: VERNAL- DIAMOND MT.					
7. Specimens Collected and Field Accession No. NONE											
8. Repository:											
9. Specimens Observed and Disposition: The access road starts off in an area with some scattered turtle shell fragments. This area appears to have already been disturbed previously by a road. The Access road also crosses over another area where several other turtles are eroding out. However, if the road is constructed as staked, it should miss undisturbed fossil material.											
10. Owner:		Private		State		BLM		X		US FS	
										NPS	
										IND	
										MIL	
										OTHR	
11. Recommendations for Further Work or Mitigation: As mentioned above, if the road is constructed where presently staked, it should miss the fossil material along it. There is some possibility that additional fossil material will be encountered during road construction. It is not felt that this is critical enough to warrant monitoring. However, if significant looking fossil material such as mammal bones are found, they should be evaluated by a paleontologist.											
12. Type of Map Made by Recorder:											
13. Disposition of Photo Negatives:											
14. Published References: Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Laramie, Wyoming.											
15. Remarks:											
16. Sensitivity:		Critical		Significant		Important		X		Insignificant	
17. Recorded by: Alden Hamblin, Paleontologist						Date: July 24, 1993					



42DC119V E1/2, NE, NE, Sec 7, T9S, R17E, Myton SE, Utah Quad
Balcon Oil Monument Fed #14-5 Access Road

PALEONTOLOGY LOCALITY Data Sheet					Page 1 of 1 plus map						
					State Local. No. 42 DC 120V						
					Agency No.						
					Temp. No BALCRON MONUMENT BUTTE FEDERAL #14-5						
1. Type of locality Invertebrate		Plant		Vertebrate		X		Trace		Other _____	
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene			
3. Description of Geology and Topography: This location is in a badlands area about 1/2 mile south of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah. It is near the bottom of a small canyon which drains to the northeast into Castle Peak Draw and sits south of the current dry stream bed on older valley alluvium. The hills immediately to the northwest are 60 to 80 feet above the valley floor while those to the southeast are only 20 to 30 feet above the valley floor. The access road come in from the southwest in section 7 over some low badlands hills. All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Ground cover in the immediate area of the proposed wellpad is valley alluvium, although bedrock seems close to the surface on the north side near the present stream bottom. Rock outcrops along the proposed access road is mostly interbedded mudstone, and sandstone of the Uinta Formation, but with some sand dunes covering some places.											
4. Location of Outcrop: This location is 1/2 mile south of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah.											
5. Map Ref.		USGS Quad		Myton SE, Utah		Scale		7.5 Min		Edition 1964	
S1/2		of		SW1/4		of		SW1/4		of Sectn	
								5		T 9 S R 17E Meridn SLB	
6. State: UTAH			County: DUCHESNE COUNTY			BLM/FS District: VERNAL- DIAMOND MT.					
7. Specimens Collected and Field Accession No. NONE											
8. Repository:											
9. Specimens Observed and Disposition: There were no fossils found on the wellpad area. There are fossils eroding out of the hill south of the location (42DC120V). This fossil material included turtle shell as well as mammal bone fragments (vertebrae, possible small scapula, and other fragments). This area is outside the staked wellpad.											
10.Owner: Private		State		BLM		X		US FS		NPS	
								IND		MIL	
										OTHR	
11.Recommendations for Further Work or Mitigation: On the wellpad, if construction stays on or near the pad as staked, the fossil area south of the pad should not be effected. No other recommendations are made for the wellpad.											
12.Type of Map Made by Recorder:											
13.Disposition of Photo Negatives:											
14.Published References: Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Laramie, Wyoming.											
15.Remarks:											
16.Sensitivity:		Critical		Significant		X		Important		Insignificant	
17.Recorded by: Alden Hamblin, Paleontologist						Date: July 24, 1993					



42DC120V

S1/2, SW, SW, Sec 5, T9S, R17E, Myton SE, Utah Quad
Balcron Oil Monument Fed #14-5

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BALCRON 43-013-31385

WELL NAME: MONUMENT FEDERAL 14-5

Section 5 Township 9S Range 17E County DUCHESNE

Drilling Contractor

Rig #

SPUDDED: Date 9/9/93

Time 10:00 AM

How DRY HOLE

Drilling will commence

Reported by DENNIS INGRAM-DOGM

Telephone #

Date 9/10/93 SIGNED FRM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

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Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SW Section 5, T9S, R17E
566' FSL, 517' FWL

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #14-5

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other spud of well

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud at 10 a.m. 9/9/93 by Leon Ross Drilling (dry hole spud)

CONFIDENTIAL

SEP 13 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signature Dobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date 9/9/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

SEP 15 1993

DIVISION OF
OIL, GAS & MINING

Equitable Resources Energy Company,
OPERATOR Balcron Oil Division

OPERATOR ACCT. NO. N 9890

ADDRESS P.O. Box 21017

Billings, MT 59104

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11520	43-013-31385	Balcron Monument Federal #14-5	SW SW	5	9S	17E	Duchesne	9/9/93	9/9/93
WELL 1 COMMENTS: Spud of new well. Entity added 9-14-93 for											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

DATE: 9-9-93

Dobbie Schuman
Signature
Coordinator of Environmental
and Regulatory Affairs
Title _____ Date _____

Phone No. (406) 259-7860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

XXXX Jonah Unit

8. Well Name and No.

Balcron Monument Federal #14-5

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SW Section 5, T9S, R17E
566' FSL, .517' FWL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Report of Rig Change
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

We will be using a completion rig to complete this well.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed

Title

Coordinator of Environmental
and Regulatory Affairs

Date October 15, 1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

RECEIVED

NOV 15 1993

DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

GEOLOGIC AND DRILLING REPORT
Equitable Resources Energy Company
Balcron Oil Division
MONUMENT BUTTE FEDERAL #14-5J
SW/SW Section 5-T9S-R17E
Duchesne County, Utah
Monument Butte Field

DUPLICATE

GEOLOGIC REPORT
TABLE OF CONTENTS
MONUMENT BUTTE FEDERAL NO. 14-5J

Well Summary.....	1
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WELL SUMMARY

OPERATOR: Equitable Resources Energy Company
Balcron Oil Division

LEASE AND WELL NAME: Monument Butte Federal No. 14-5J

LOCATION: SW/SW 660' FSL, 660' FWL 5-T9S-R17E
Duchesne County, Utah

SPUD DATE: 10-3-93, 10:30 P.M.

COMPLETION DATE: 10-13-93, Rig released 4:00 A.M.

TOTAL DEPTH: 5700 Driller, 5700 Logger

WELL STATUS: Oil

DRILLING CONTRACTOR: Molen Drilling Company

RIG NO.: 1

DRILLING SUPERVISION: Bill Froman, Consultant

GEOLOGICAL SUPERVISION: David Bickerstaff, Balcron Oil

HOLE SIZE: 17-1/2" to 283', main hole 7-7/8' to TD

SURFACE CASING: 8-5/8". 24# K6 @ 283'

MUD PROGRAM: KCL & Brine H₂O

LOGS: Schlumberger DLL-MSFL-GR-SP, LDT-CNL-GR-CAL

CORE: None

DST: None

SAMPLE QUALITY: Good

SAMPLE DISPOSITION: Utah Geological Sample Library

PENETRATION RECORD

DATE 1993	PENETRATION			TIME DISTRIBUTION			REMARK
	DEPTH	FOOTAGE	DRILLING	REPAIRS	OTHER	DAY WORK	
10/3	236'	236'			19-1/2	4-1/2	Move in, rig up spud 10:30 p.m.
10/4	1390'	1154'	15-1/2		1/2	8	Test BOP's, drill, survey
10/5	2589'	1199'	23-1/4		3/4		Drill, survey
10/6	3141'	552'	23		1		Drill, survey
10/7	3818'	677'	23		1		Drill, survey
10/8	4316'	498'	11-1/4		4-1/4		Drill, survey, Trip for hole in drill pipe
10/9	4730'	414'	20		4		Drill, survey, trip for hole in drill pipe
10/10	5324'	594'	23		1		Drill, survey
10/11	5674'	350'	16-1/4		7-3/4		Drill, survey, trip for hole in drill pipe, wash, ream
10/12	5700'	26'	1/2			23-1/2	
		Drill, log, cement casing					
10/13	5700'			4			Rig released @ 4:00 a.m.

RIT RECORD

NO	SIZE	MAKE	TYPE	SERIAL	JETS	OUT	FEET	HOURS	RPM	SPM
1	7-7/8	STC	M85F	562060	3/15	5624	5341	153-1/2	65/75	53
2RR	7-7/8	STC	F4H	KV6382	3/15	5700	76	4-1/4	75	53

DEVIATION

DEPTH	ANGLE
270	1/4°
300	1°
1302	1°
1824	1°
2315	3/4°
2713	3°
2805	2-1/2°
3322	2-1/4°
3812	1-1/4°
4308	2°
4801	2-1/4°
5320	1-1/2°
5700	1-3/4°

FORMATION DATA

ELEVATIONS GL 5238.7
KB 5251.7

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	<u>24-5 DATUM*</u>	<u>HIGH/LOW</u>
Horseshoe Bench	2170	(+3081)	(+3088)	7' low
Douglas Creek Mkr	4590	(+661)	(+642)	19' high
2nd Douglas Creek Mkr	4826	(+425)	(+403)	22' high
Green Mkr	4969	(+282)	(+281)	1' high
Wasatch Tongue	5444	(-193)	(-200)	7' low

TD Driller: 5700
TD Logger: 5700

* **REFERENCE WELL:** 24-5 Monument Federal, 1/4 mile east

SAMPLE DESCRIPTIONS

SIGNIFICANT SHOWS ARE UNDERLINED

50' SAMPLES

1500-1800	Marlstone-brown, gold flour., limey, cut throughout
1800-2170	As above with increase in limestone
2170-2225	Shale-black, gray, occ. sand
2225-2550	Marlstone-brown, petroliferous, gold flour., fair cut
2550-2600	As above-with increase in sandstone
2600-2650	As above-very poor sample, <u>oil on pit</u>
2650-2700	Sandstone-gray, very fine to fine grained, spotty yellow flour., quartz xls, 40% brown shale
2700-2775	Shale-brown, soft
2775-2845	Limestone-gray, shaley, <u>yellow flour., good cut, oil on pit</u>
2845-2905	Sandstone-brown, very fine to fine grained, with brown shale
2905-3030	Marlstone-brown, orange-yellow flour., 30% limestone, <u>oil on pit</u>
3030-3050	Limestone-light gray, brown stain, yellow flour., streaming cut
3050-3070	Shale-gray, calcareous
3070-3080	As above-with gray sand
3080-3150	Shale-gray, calcareous
3150-3250	Marlstone-brown, gray, <u>oil saturated</u>
3250-3330	Shale-brown, gray, calcareous, yellow-orange flour., occ. sand
3330-3375	SHAKER BY PASSED
3375-3500	Shale-brown, gray, calc. yellow-orange flour., occ. sand
3500-3550	Sandstone-white, gray, weak flour., good streaming cut
3550-3600	Marlstone-shale, brown, calc. gold-yellow flour.

3650-3700	Shale-brown, gray, platy
3700-3785	Marlstone-gray, brown, calc. gold-yellow flour.
3785-3800	Sandstone-light gray, fine grained, angular, <u>yellow-flour., good streaming cut, oil on pit</u>
3800-3950	Shale-brown, light brown, gray, with occ. gray sand
3950-4000	Shale-gray, calcarous, occ. sand
CHANGE TO 30' SAMPLES	
4000-4082	Shale-green, gray, calcareous, good orange flour.
4082	Y-1 MARKER
4082-4087	Sandstone-brown, very fine grained, <u>orange flour., streaming cut</u>
4087-4099	Shale-gray, green, calcareous
4099-4104	Sandstone-brown, very fine grained, <u>orange flour., streaming cut, oil on pit</u>
4104-4139	Shale-gray, green, calcareous
4139	Y-2 MARKER
4139-4154	Sandstone-brown, very fine to fine grained, <u>good stain, slightly calcareous, yellow flour., good streaming cut</u>
4154-4164	Shale-gray, green, calcareous
4164-4190	SHAKER BY PASSED
4190-4215	Marlstone-shale, brown, limey, oil stained, good flour.
4215-4318	Shale-gray, green, calcareous
4318-4425	As above with light gray sand
4425	YELLOW MARKER
4425-4500	Shale-gray, green, calcareous, with light gray sand
4500-4590	Shale-gray, green, calcareous
4590	DOUGLAS CREEK MARKER
4590-4594	Limestone-brown, micritic, orange flour. streaming yellow cut
4594-4627	Shale-green, gray to brown, orange flour.

4627-4634	As above with increase in brown lime
4634-4669	Shale-brown, gray, green
4669	R-2 MARKER
4669-4679	Sandstone-gray to brown, fine grained, <u>gold flour., fast streaming cut</u>
4679-4730	Shale-gray to green
4730-4739	Sandstone-light gray, brown, <u>light gold flour., fast streaming cut</u>
4739-4818	Shale-brown to green, orange flour., occ. lime
4818-4828	As above with fold flour., slow milky cut
4828-4920	Shale-brown to green, orange flour., occ. lime
4920	G-1 MARKER
4920-4930	Sandstone-brown, fine grained, subrounded, <u>gold flour., good streaming cut</u>
4930-5050	Shale-gray, green, orange flour.
5050-5060	As above with gray lime, micritic
5060-5098	Shale-brown, gray, calcareous
5098-5102	Sandstone-gray, brown, stained, calcareous, <u>orange flour., good streaming cut</u>
5102-5156	Shale-brown, gray, calcareous
5156-5166	Limestone-brown, soft, <u>orange flour., good streaming cut</u>
5166-5208	Shale-green, gray with limestone as above
5208-5274	Shale-black, dark gray, highly calcareous, no flour., good streaming cut
5274-5362	Shale-gray, green, calcareous, occ. sand
5362-5444	Shale-black, highly calcareous, orange flour., weak cut
5444	WASATCH TONGUE MARKER
5444-5474	Shale-brown, gray, with brown lime
5474	B-1 MARKER

5474-5502 Shale-gray, green, highly calcareous, good flour., with light
gray very fine grained sand, calcareous

5502-5574 As above, with increase in black shale

5574 B-3 MARKER

5574-5613 Sandstone-gray, dull orange flour., fine grained, sub angular,
calcareous, streaming cut

5613-5700 Shale-light gray, silty, calcareous, petrolif., with fine
grained gray sand

5700 TD

**UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY**

Operator: EQUITABLE RESOURCES COMPANY Lease: State: Federal: X
Indian: Fee:

Well Name: BALCRON MONUMENT FED #14-5 API Number: 43-013-31385
Section: 5 Township: 9S Range: 17E County: DUCHESNE Field:
MONUMENT BUTTES
Well Status: POW Well Type: Oil: Y Gas:

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:

Y Well head Boiler(s) Compressor Separator(s)
 Dehydrator(s) Shed(s) Line Heater(s) Heated
Separator
 VRU Heater Treater(s)

PUMPS:
 Triplex Chemical Y Centrifugal

LIFT METHOD:
Y Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:

N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
<u>Y</u>	Oil Storage Tank(s)	<u>2-400 BARREL W/BURNERS</u> BBLs
<u>Y</u>	Water Tank(s)	<u>1-150 PIT TANK</u> BBLs
<u> </u>	Power Water Tank	<u> </u> BBLs
<u> </u>	Condensate Tank(s)	<u> </u> BBLs
<u>(1)</u>	Propane Tank	<u> </u>

REMARKS: NO SALES LINE OR METERING AT PRESENT TIME. CASING GAS IS SET TO
FLARE AT 80 PSI.

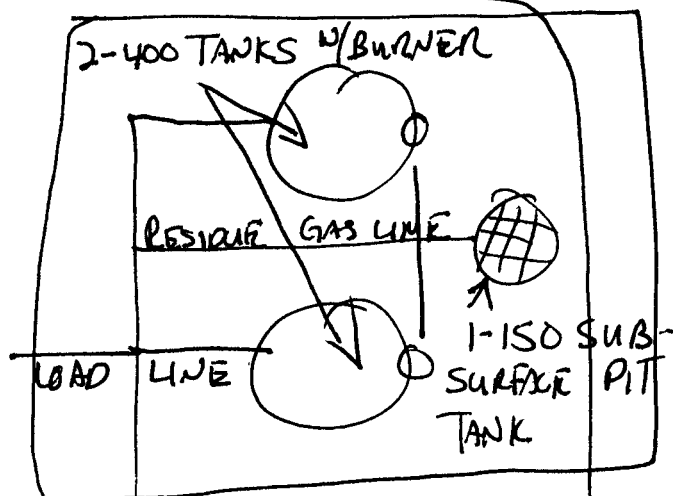
Location central battery: Qtr/Qtr: Section: Township:
Range:

Inspector: DENNISA INGRAM Date: 11/26/93

EQUITABLE RESOURCES
BALCON MONUMENT FED# 14-5
43-013-31385
SW/SW SEC 5 T9S R17E

11/21/93

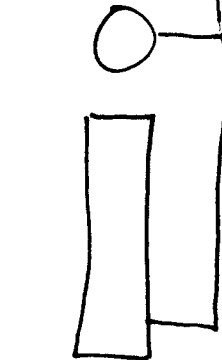
↑ NORTH



BERMED AREA: 878.3
BARREL CAPACITY

FLOWLINE

WELHEAD



Pump Jack

PROANE
TANK

Access From Castle Peak
Sec 8 T9S R17E

↑ ENTRANCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-020252

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Federal #14-5

9. API Well No.
43-013-31385

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW SW Section 5, T9S, R17E
566' FSL, .517' FWL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Site Security Diagram	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is our Site Security Diagram for this well.

RECEIVED

DEC 01 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 11-29-93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

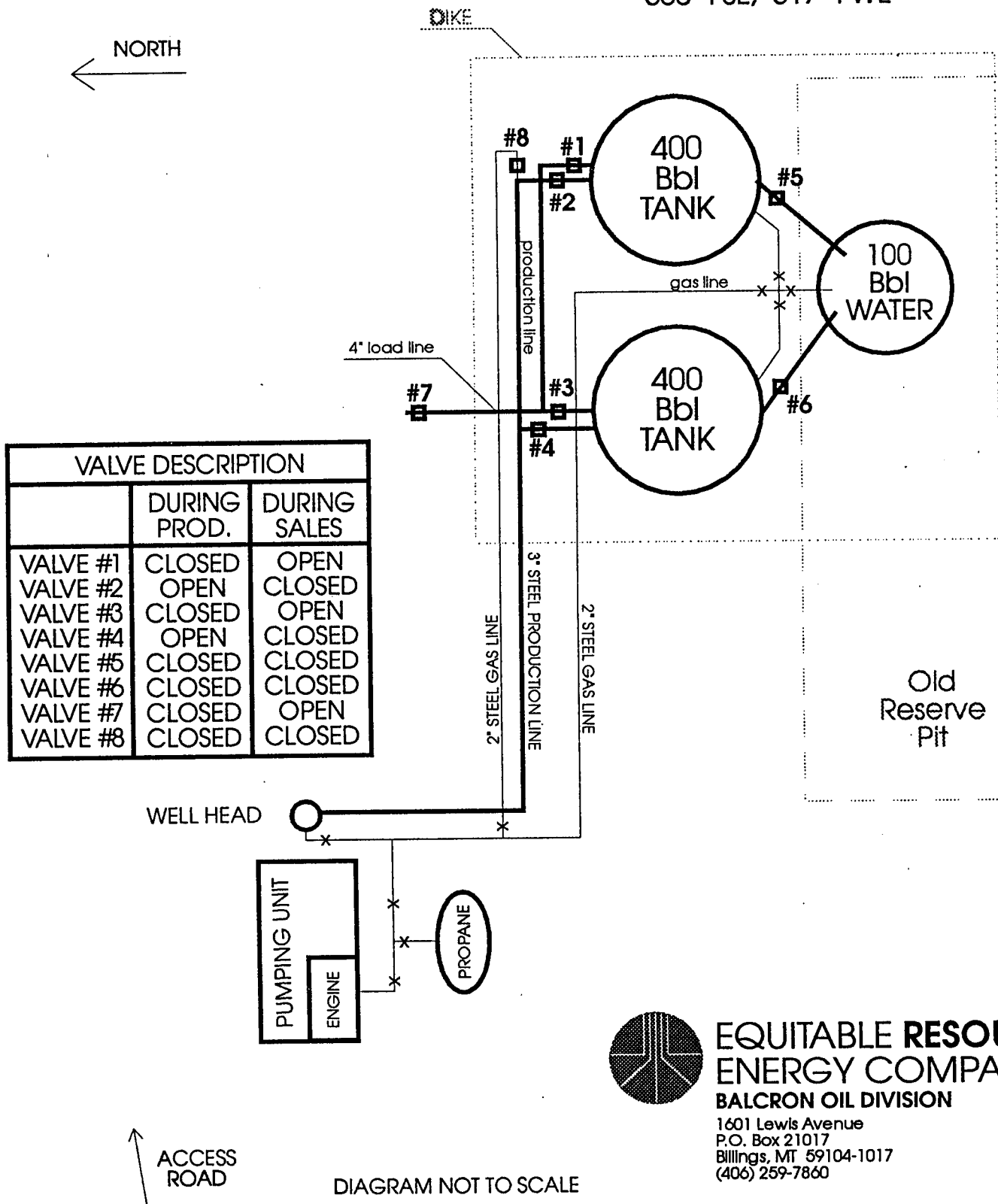
Conditions of approval, if any:

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*See Instruction on Reverse Side

Equitable Resources Energy Company Balcron Monument Federal 14-5 Production Facility Diagram

Balcron Monument Federal 14-5
SW SW Sec. 5, T9S, R17E
Duchesne County, Utah
Federal Lease #U-020252
566' FSL, 517' FWL



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

~~xxx~~ Jonah Unit

8. Well Name and No.

Balcron Monument Federal #14-5

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SW Section 5, T9S, R17E
566' FSL, 517' FWL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other First Production
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production on this well was on 11-26-93 at 12:00 noon.

DEC 01 1993

DEPARTMENT OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Coordinator of Environmental
and Regulatory Affairs

Signed

Bobbie Schuman

Title

Date 11-29-93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 01 1993

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Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SW Section 5, T9S, R17E
566' FSL, 517' FWL

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

~~XXX~~ Jonah Unit

8. Well Name and No.

Balcron Monument Federal #14-5

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
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☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location from the Vernal Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Coordinator of Environmental
and Regulatory Affairs

Date November 30, 1993

Signed Bobbie Schuman
(This space for Federal or State office use)

Approved by Federal Approval of this
Conditions of approval, if any: None Necessary

Accepted by The State
of Utah Division of

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Date: 12-3-93

By: [Signature]

ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE/BALCRON

OPERATOR ACCT. NO. N 9890

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	11532	11492	43-013-31368	MONUMENT FED 32-15	SWNE	15	9S	16E	DUCHESNE	10-2-93	
WELL 1 COMMENTS: *JONAH UNIT											
C	11520	11492	43-013-31385	MONUMENT FED 14-5	SWSW	5	9S	17E	DUCHESNE	9-9-93	
WELL 2 COMMENTS: *JONAH UNIT											
C	11573	11492	43-013-31406	MONUMENT FED 21-12J	NENW	12	9S	16E	DUCHESNE	10-25-93	
WELL 3 COMMENTS: *JONAH UNIT											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST 12-8-93
Title Date

Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #14-5

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

Monument Hutte/Green River

11. County or Parish, State

Duchesne County, Utah

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104

(406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SW Section 5, T9S, R17E

566' ESL, 517' FWL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
☐ Change of Plans
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☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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DEC 9 1993

COPIES OF THIS REPORT
TO: BLM, UAC & BLM/NE

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date 12-21-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Balcron Monument Federal # 14-5
API number: 43-013-31385
2. Well location: QQ SW SW section 5 township 9S range 17E county Duchesne
3. Well operator: BALCRON OIL
Address: P.O. Box 21017 phone: (406)259-7860
Billings, MT 59104
4. Drilling contractor: Molen Drilling 1993
Address: P.O. Box 2222 phone: 406-252-2591
Billings, MT 59103

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
		No measurable water reported during drilling operations.	

6. Formation tops: See Geologic Report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
Title Coordinator of Environmental and Regulatory Affairs Date 12-21-93

Comments:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-013
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVD. ☐ Other _____

CONFIDENTIAL

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 566' FSL, 517' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31385 DATE ISSUED 4-12-93

12. COUNTY OR PARISH Duchesne 13. STATE UTAH

15. DATE SPUDDED 9-9-93 16. DATE T.D. REACHED 10-13-93 17. DATE COMPL. (Ready to prod.) 11-26-93 18. ELEVATION (OF RKB, RT, OR, ETC.)* 5238.7' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5700' 21. PLUG BACK T.D., MD & TVD 5648' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY Rotary Tools sfc - TD Cable Tools n/a

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5475'-94' 4918'-26' 5096'-99' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL - MSFL - LDT - CNL - GR 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	270.46'	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	5694'	7-7/8"	138 sxs Thrifty Lite and	n/a
				215 sxs 50-50 POZ	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5571.06' KB	r/a

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5475'-94'	(2 SPF)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4918'-26'	(2 SPF)		5475'-94'	a: 500 gallons 15% HCL
5096'-99'	(2 SPF)			b: 25,600# 20/40 & 22,000# 16/30 in 465 bbls gelled 2% KCL water.
			4918'-5099'	33,000# 16/30 sand in 389 bbls gelled 2% KCL water.

33.* PRODUCTION								WELL STATUS (Producing or shut-in)
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						Producing
11-26-93		1-1/2" Insert Pump						
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-30-93	24	n/a		40	200	40	5	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
n/a	n/a		40	200	40	34		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 12-21-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

BALCRON OIL

WELL REPORT

WELL NAME: Balcron Monument #14-5
 FIELD: Monument Butte/Jonah Unit
 FEDERAL LEASE NO.: U-020252
 LOCATION: SW SW Sec.5,T9S,R17E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.79942652
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 11-28-93
 INITIAL PRODUCTION: 40 STBOPD,20 MCFPD,40 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: 11 STBOPD,0 MCFPD,1 STBWPD
 ELEVATIONS - GROUND: 5238.7'
 TOTAL DEPTH: 5700' KB

DATE: 2-18-94 lac
 API NO.: 43-013-31385

NET REVENUE INT.: 0.72981781 Oil
 0.65881769 Gas
 SPUD DATE: 9-9-93
 OIL GRAVITY: 34 API
 BHT: 133 Deg.F
 KB: 5251.7' (13' KB)
 PLUG BACK TD: 5648' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 6 joints @ 273.46'
 DEPTH LANDED: 283.46' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150 sxs Class "G"
 Cement to surface

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.50 lbs.
 LENGTH: 132 jts @ 5696.9'
 DEPTH LANDED: 5694' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 138 sxs Thrifty Lite &
 215 sxs 50-50 POZ
 CEMENT TOP AT: 2620' KB from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs.
 NO. OF JOINTS: 159 jts @ 4882.47'
 TUBING ANCHOR: 2 7/8" x 5 1/2" (Trico)
 NO. OF JOINTS: 21 jts @ 639.24'
 SEATING NIPPLE: 2 7/8" x 1.10'
 PERF. SUB: 2 7/8" x 3.70'
 MUD ANCHOR: 2 7/8" x 28.80'
 TOTAL TUBING LENGTH: 5558.06'
 SN LANDED AT: 5538.56' KB

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polished Rod w/Clamp Rods off
 1 - 3/4" x 2' Pony
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 220 - 3/4" x 25' Plain Rods

PUMP SIZE: 2 1/2 x 1 1/2 x 16' RWBC
 STROKE LENGTH: 87" Stroke
 PUMP SPEED, SPM: 6.5 SPM
 PUMPING UNIT SIZE:

PERFORATION RECORD

4918'-4926' (8') 2 SPF
 5096'-5099' (3') 2 SPF
 5475'-5494' (19') 2 SPF

ACID JOB /BREAKDOWN

4918'-4926', 84 bbls 2% KCL water & 32 ball sealers. Initial break @ 2800 psi @ 3.0 BPM, back to 3200 psi @ 5.8 BPM, surge ball off, pump for rate 3.8 BPM @ 2500 psi. ISIP @ 1600 psi.

5096'-5099', 84 bbls 2% KCL water & 12 ball sealers. Initial break 3200 psi @ 2.2 BPM, back to 2900 psi @ 4.2 BPM. 4 BPM to put ball on perfs, surge balls off perfs. Pump for rate 3.4 BPM @ 2550 psi. ISIP @ 1600 psi.

5475'-5494', 500 gals 15% HCL w/75 ball sealers Initial break @ 2600 psi @ 2.2 BPM. Break back to 1600 psi @ 4.4 BPM. ISIP @ 1000.

FRAC JOB

SEE NEXT PAGE

LOGS: DLL-MSFL-LDT-CNL-GR

Balcron Monument #14-5
Monument Butte/Jonah Unit
Lease No. U-020252
SW SW Sec.5,T9S,R17E
Duchesne County, Utah

FRAC JOB

4918'-4926' & 5096'-5099', Frac with
Western on 10-27-93. 4620 gals 2%
KCL water w/33,000 lbs 16-30 sand.
Avg 22 BPM @ 3000 psi, max 23.1 BPM
@ 3200 psi. ISIP 2120 psi, 5 min @
1720 psi, 10 min @ 1600 psi, 15 min
@ 1520 psi.

5475'-5494', Frac w/Western on 10-21-93.
5460 gals 2% KCL water w/25,600 lbs
20-40 sand & 22,200 lbs 16-30 sand.
Avg 25 BPM @ 1700 psi, max 25.2 BPM
@ 2000 psi. ISIP @ 1600 psi, 5 min
@ 1500 psi, 10 min @ 1430 psi, 15 min
@ 1390 psi.

BALCRON MONUMENT FEDERAL #14-5
SW SW SEC.5,T9S,R17E
Lease No. U-020252
MONUMENT BUTTE FIELD/JONAH UNIT
DUCHESNE COUNTY, UTAH

Balcron Oil
2-18-94 lac

Wellbore Diagram

SURFACE CASING

8 5/8", J-55, 24#
Six jts @ 273.46'
Landed @ 283.46' KB
Cemented w/150 sxs Class "G"
Cement to surface
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", K-55, 15.50#
132 jts @ 5696.90'
Landed @ 5694' KB
Cemented w/138 sxs Thrifty Lite &
215 sxs 50-50 POZ
Cement Top @ 2620' KB from CBL
Hole Size @ 7 7/8"

TUBING

2 7/8", J-55, 6.5#
159 jts @ 4882.47'
Trico TA @ 2 7/8" x 5 1/2"
21 jts @ 639.24'
SN @ 2 7/8" x 1.10'
Perf Sub @ 2 7/8" x 3.70'
MA @ 2 7/8" x 28.80'
Total Tbg Length @ 5558.06'
SN Landed @ 5538.56' KB

SUCKER RODS

1 - 1 1/4" x 16' Polished Rod w/Clamp Rods off
1 - 3/4" x 2' Pony
1 - 3/4" x 4' Pony
1 - 3/4" x 6' Pony
1 - 3/4" x 8' Pony
220 - 3/4" x 25" Plain Rods

PUMP SIZE: 2 1/2 x 1 1/2 x 16' RWBC
STROKE LENGTH: 87" Stroke
PUMP SPEED, SPM: 6.5 SPM
PUMPING UNIT SIZE:

LOGS: DLL-MSFL-LDT-CNL-GR

ACID JOB /BREAKDOWN

4918'-4926', 84 bbls 2% KCL water & 32 ball sealers. Initial break @ 2800 psi @ 3.0 BPM, back to 3200 psi @ 5.8 BPM, surge ball off, pump for rate 3.8 BPM @ 2500 psi. ISIP @ 1600 psi.

5096'-5099', 84 bbls 2% KCL water & 12 ball sealers. Initial break 3200 psi @ 2.2 BPM, back to 2900 psi @ 4.2 BPM. 4 BPM to put ball on perfs, surge balls off perfs. Pump for rate 3.4 BPM @ 2550 psi. ISIP @ 1600 psi.

5475'-5494', 500 gals 15% HCL w/75 ball sealers Initial break @ 2600 psi @ 2.2 BPM. Break back to 1600 psi @ 4.4 BPM. ISIP @ 1000.

FRAC JOB

4918'-4926' & 5096'-5099', Frac with Western on 10-27-93. 4620 gals 2% KCL water w/33,000 lbs 16-30 sand. Avg 22 BPM @ 3000 psi, max 23.1 BPM @ 3200 psi. ISIP 2120 psi, 5 min @ 1720 psi, 10 min @ 1600 psi, 15 min @ 1520 psi.

5475'-5494', Frac w/Western on 10-21-93. 5460 gals 2% KCL water w/25,600 lbs 20-40 sand & 22,200 lbs 16-30 sand. Avg 25 BPM @ 1700 psi, max 25.2 BPM @ 2000 psi. ISIP @ 1600 psi, 5 min @ 1500 psi, 10 min @ 1430 psi, 15 min @ 1390 psi.

PERFORATION RECORD

4918'-4926' (8') 2 SPF
5096'-5099' (3') 2 SPF
5475'-5494' (19') 2 SPF

PBTD @ 5648' KB
TD @ 5700' KB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>												
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>										
2. NAME OF OPERATOR						CONFIDENTIAL											
EQUITABLE RESOURCES ENERGY COMPANY																	
3. ADDRESS OF OPERATOR																	
P.O. Box 21017; Billings, MT 59104																	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)																	
At surface																	
566' FSL, 517' FWL																	
At top prod. interval reported below																	
At total depth																	
14. PERMIT NO.			DATE ISSUED														
43-013-31385			4-12-93														
15. DATE STUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD									
9-9-93		10-13-93		11-26-93		5238.7' GL											
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS									
5700'		5648'		n/a		→		sfc - TD									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE									
5475'-94' 4918'-26'								No									
5096'-99' Green River																	
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED									
DL - MSFL - LDT - CNL - GR mud log 10-18-93								No									
28. CASING RECORD (Report all strings set in well)																	
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED							
8-5/8"		24#		270.46'		12-1/4"		150 sxs "G" + additives		n/a							
5-1/2"		15.5#		5694'		7-7/8"		138 sxs Thrifty Lite and		n/a							
								215 sxs 50-50 ROZ									
29. LINER RECORD						30. TUBING RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)			
n/a										2-7/8"		5571.06' KB		r/a			
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
5475'-94' (2 SPF)						DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
4918'-26' (2 SPF)						5475'-94'						a: 500 gallons 15% HCL					
5096'-99' (2 SPF)						4918'-5099'						b: 25,600# 20/40 & 22,000# 16/30 in 465 bbls gelled 2% KCL water.					
												33,000# 16/30 sand in 389 bbls gelled 2% KCL water.					
33.* PRODUCTION																	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)									
11-26-93		1-1/2" Insert Pump						Producing									
DATE OF TEST		HOURS TESTED		CHOKER SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO			
11-30-93		24		n/a		→		40		200		40		5			
FLOW, TUBING PRESS.		CASINO PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)					
n/a		n/a		→		40		200		40		34					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)												TEST WITNESSED BY					
Used for fuel.												Dale Griffin					
35. LIST OF ATTACHMENTS																	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																	
Coordinator of Environmental																	
and Regulatory Affairs																	
DATE 12-21-93																	
SIGNED <u>Bobbie Schuman</u>																	
Bobbie Schuman																	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's run.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
See Geologic Report		

FEB 25 1994

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #14-5J

Location: SW SW Section 5, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

566' FSL, 517' FWL

PTD: 5700' Formation: Green River

Jonah Unit / Monument Butte Field

Elevations: 5238.7' GL, 5,296.7' KB

Contractor: Molen Drilling Rig #1

Operator: Balcron/EREC

Spud: 9-9-93 @ 10 a.m.

Casing: 8-5/8" 24# @ 283.46' KB.

5-1/2" 15.5# K-55 @ 5694'

Tubing: 2-7/8" 6/5# J-55 @ 5571.06' KB

9-3-93 Start location.

9-4 through

9-7-93 Work on and finish location

9-9-93 Move Leon Ross Air Drilling on & drill to 275'.

9-10-93 Run 8-5/8" csg & cmt by Dowell. Plug down @ 1:20 p.m. 9-10-93.

Spud 10 a.m. 9-9-93. Csg detail as follows:

Guide Shoe .75'

1 jt 8-5/8" 24# shoe jt 45.55'

Insert Float -----

5 jts 8-5/8", 24# csg 227.16

273.46'

Set at Ground Level 270.46' GL

Molen KB 13.00'

3 Centralizers

Csg landed at 283.46' KB

Dowell cmt'd w/150 sxs Class "G", 2% CCL & 1/4#/sx Celoflakes.

Good returns, had 6 bbls cmt return. Plug down @ 1:20 p.m. 9-10-93.

DC: \$12,046

CC: \$27,132

10-4-93 TD: 479' (196') Day 1

Formation: Duchesne

MW water

Present Operation: Drilling

MIRU, NU & test BOP & choke to 2000#. Test 8-5/8" csg to 1500# -

OK. Drill & rig service.

DC: \$3,762.50

CC: \$30,894.50

10-5-93 TD: 1,735' (1,256') Day 2

Formation: Green River

MW water

Present Operation: Drilling

Drill, survey, & rig service.

DC: \$24,880

CC: \$55,774

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #14-5J

Location: SW SW Section 5, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

10-6-93 TD: 2,722' (987') Day 3
Formation: Green River
MW 8.4 VIS 26 pH 10.4
Present Operation: Drilling
Drilling, survey, & rig service.
DC: \$18,993 CC: \$74,767

10-7-93 TD: 3,350' (628') Day 4
Formation: Green River
MW 8.4 VIS 26 pH 10.4
Present Operation: Drilling
Drill, survey, & rig service
DC: \$13,352.50 CC: \$74,098.25

10-8-93 TD: 3,970' (620') Day 5
Formation: Green River
MW 8.4 VIS 26 pH 11.2
Present Operation: Drilling
Drill, survey, & rig service.
DC: \$9,645 CC: \$83,743

10-12-93 TD: 5,700' (200') Day 9
Formation: Wasatch Tongue
MW 8.4 VIS 26 pH 9.2
Present Operation: Logging
Drill, rig service, & survey. Trip for hole in drill pipe & cracked drill collar. Trip back in w/bit #2. Drill to TD @ 12:30 midnight. TOH to log, logging w/Schlumberger.
DC: \$6,772 CC: \$113,343

10-13-93 TD: 5,700' (0') Day 10
Formation: Green River
Present Operation: RDMO
Logging, TIH & circ, LD drill pipe & collars. Run 5-1/2" csg (132 jts) circ, cmt by Western. ND & set slips, clean mud tanks & release rig @ 4 a.m. 10-13-93. Plug down @ 12 a.m. 10-12-93. Csg detail as follows:
Guide shoe .60'
1 jt 5-1/2" 15.5# K55 shoe jt 4384.00'
Float collar 1.70'
131 jts 5-1/2" 15.5# K55 csg 5653.06'
5699.20'
Set at 5694.00'
PBTD 5648.00'
20 Centralizers
Cmt'd by Western w/138 sxs Thrifty lite & tail w/215 sxs 50-50 POZ.
DC: \$62,169 CC: \$175,512

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #14-5J

Location: SW SW Section 5, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 10-19-93 Completion
MIRU Basin Well Service Rig #2. NU BOP, TIH w/5-1/2" csg scraper, SN & 184 jts 2-7/8" tbg. Tag PBTD @ 4652' KB. Circ hole clean w/130 bbls 2% KCL wtr. Test csg & BOP to 1000 psi - OK. SWIFN.
DC: \$12,790
- 10-20-93 Completion
TOOH w/tbg, SN, scraper & bit. RU Cutter to run bond log & perforate 5475'-94' (2 SPF). RIH to run CBL. Log from 5646' KB to 3500' KB, skipto 2850' KB across cmt top at 2620' KB to 2450' KB. RIH & perf 5475'-94' KB. RD Cutter Wireline. TIH w/5-1/2" packer & jts 2-7/8" tbg, set packer @ 5440' KB. RU Western to do 15% HCL breakdown. Refer to treatment report. Pressure test surface equipment to 5000 psi. Made 8 swab runs, recovered 40 BW w/trace of oil. Release packer TOOH w/tbg, SN & packer. SWIFN.
DC: \$9,729
- 10-21-93 Completion
CP - 0. RU Western to frac. Refer to treatment report. RD Western. SWIFN.
DC: \$22,219
- 10-22-93 Completion
CP - 900 psi. Flow back 40 BW. TIH w/1 jt 2-7/8" tbg, packer, SN, & 178 jts tbg. Tag sand fill @ 5480' KB, circ sand out to 5652', set packer @ 5410' KB. Made 22 swab runs. Recovered 100 BW. Last 5 runs 20% oil, still getting sand back. SWIFN. Load to recover 445 BW.
DC: \$1,834
- 10-25-93 Completion
CP - 0, TP - 350 psi. Flow 15 BO. Made 5 swab runs, recovered 40 BF, 35 oil, 5 wtr, & no sand. Release packer, tag sand fill @ 5630' KB. Circ clean to 5652' (PBTD), TOOH w/tbg, SN, packer & 1 jt tbg. SWIFN.
DC: \$2,411
- 10-26-93 Completion
RU Schlumberger to perf 5096'-99' 2 SPF & 4918'-26' 2 SPF. RD schlumberger. BP set @ 5150' KB. TIH w/RBP, retrieving head, 1 jt 2-7/8" tbg, packer, SN & 157 jts 2-7/8" tbg. Set packer @ 5040' KB, EOT at 5070' KB. RU Western to do KCL breakdown. Refer to Treatment Report. Pressure tst surface equipment to 5000 psi - OK. Circ balls off plug, reset BP @ 5045' KB, reset packer @ 4854', EOT at 4884' KB. Refer to Treatment Report. Test surface equipment to 5000 psi - OK. RD Western, release packer, circ frac balls off BP, reset BP @ 5150', set packer @ 4854', made 5 swab runs, recovered 30 BW, trace of oil, release packer, TOOH w/tbg & packer. SWIFN. Load to recover 464 BW.
DC: \$7,076

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #14-5J

Location: SW SW Section 5, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 10-27-93 Completion
CP - 0. RU Wester to sand frac. Refer to treatment report.
DC: \$19,697
- 10-28-93 Completion
CP - 1200. Flow back 20 BOW. TIH w/retrieving head, 1 jt 2-7/8" tbg, pkr, SN & 2-7/8" tbg. Tag sand fill @ 5071'KB, circ sand out down to 5135'. Set pkr @ 4854'KB. Made 20 swab runs, swab bace 80 BOW, trace oil. Last 3 runs no sand & fluid level @ 4700'. Circulate sand out down to BP. Retrieve BP & TOOH w/tbg & tools. SWIFN.
DC: \$5,500
- 11-28-93 Completion
Surface equipment hook up & pit reclamation.
Start pumping @ 12:00 noon; 6-1/2 SPM, 87" stroke length.
DC: \$30,275

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ
2	DE 58-FILE
3	VLD (GIL)
4	RJE
5	LEP
6	FILM

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~XXX Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <u>**SEE ATTACHED**</u>	API: <u>013-31385</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Y 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Y 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Y 6. Cardex file has been updated for each well listed above. (4-11-96)
- Y 7. Well file labels have been updated for each well listed above. (4-11-96)
- Y 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Y 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Y 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- YDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/604/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 5 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MONUMENT FEDERAL 14-5								
4301331385	11492	09S 17E 5	GRRV					
✓ MONUMENT FEDERAL 24-12J								
4301331409	11492	09S 16E 12	GRRV					
✓ BALCRON MONUMENT FEDERAL 31-1J								
4301331413	11492	09S 16E 1	GRRV					
✓ MONUMENT FEDERAL 32-1J								
4301331414	11492	09S 16E 1	GRRV					
✓ BALCRON MONUMENT FEDERAL 33-11J								
4301331451	11492	09S 16E 11	GRRV					
✓ BALCRON MONUMENT FEDERAL 42-12J								
01331486	11492	09S 16E 12	GRRV					
✓ BALCRON MONUMENT FEDERAL 41-12J								
4301331487	11492	09S 16E 12	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-7J								
4301331493	11492	09S 17E 7	GRRV					
✓ FEDERAL 24-3Y								
4301331397	11493	09S 17E 3	GRRV					
✓ FEDERAL 14-4								
4304715678	11500	08S 25E 4	GRRV					
✓ E. RED WASH 1-5								
4304720174	11500	08S 25E 5	GRRV					
✓ E. RED WASH FED 1-12								
4304720207	11500	08S 24E 12	GRRV					
✓ E. RED WASH FED 1-6								
4304720208	11500	08S 25E 6	GRRV					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH

Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #14-15	Monument Butte	SW SW	15	9S	16E	Duchesne	UT	PND	Green River	U-017985	43-013-31381	772' FSL, 543' FWL	Vernal	
Balcron Monument Fed. #14-26	Monument Butte	SW SW	26	8S	16E	Duchesne	UT	PND	Green River	U-34346	43-013-31512	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #14-3-9-17Y	Monument Butte	SW SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31535	671' FSL, 792' FWL	Vernal	
Balcron Monument Fed. #14-4	Monument Butte	SW SW	4	9S	16E	Duchesne	UT	PND	Green River	U-73086	43-013-31430	719' FSL, 607' FWL	Vernal	
Balcron Monument Fed. #14-5	Monument Butte	SW SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020250	43-013-31385	556' FSL, 517' FWL	Vernal	Jonah
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-10-9-17Y	Monument Butte	NE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31537	807' FNL, 2120' FWL	Vernal	
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31421	518' FNL, 1850' FWL	Vernal	Jonah
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #21-25	Undesignated	NE NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32528	748' FNL, 1964' FWL	Vernal	
Balcron Monument Fed. #22-12J	Monument Butte	SE NW	12	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15796	2018' FNL, 2099' FWL	Vernal	Jonah
Balcron Monument Fed. #22-14J	Monument Butte	SE NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31489	2134' FNL, 2198' FWL	Vernal	Jonah
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-20-9-18Y	Monument Butte	SE NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32711	1980' FNL, 1980' FWL	Vernal	
Balcron Monument Fed. #22-22-8-17Y	Monument Butte	SE NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-67845	43-013-31538	1945' FNL, 2030' FWL	Vernal	
Balcron Monument Fed. #22-5	Monument Butte	SE NW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31384	1853' FNL, 1980' FWL	Vernal	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Vernal	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Vernal	Jonah
Balcron Monument Fed. #23-24-8-17		NE SW	24	8S	17E	Uintah	UT	PND	Green River				Vernal	
Balcron Monument Fed. #23-25	Undesignated	NE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32529	1927' FSL, 2139' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	NE SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-31383	1816' FSL, 2057' FWL	Vernal	Jonah
Balcron Monument Fed. #24-12J	Monument Butte	SE SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-31409	539' FSL, 1777' FWL	Vernal	Jonah
Balcron Monument Fed. #24-25	Undesignated	SE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32669	653' FSL, 2028' FWL	Vernal	
Balcron Monument Fed. #24-5	Monument Butte	SE SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31375	765' FSL, 2243' FWL	Vernal	Jonah
Balcron Monument Fed. #24-6	Monument Butte	SE SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31363	504' FSL, 1613' FWL	Vernal	Jonah
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #31-1J	Monument Butte	NW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31413	660' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #31-25	Undesignated	NW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32530	660' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #31-7J	Monument Butte	NW NE	7	9S	17E	Duchesne	UT	WIW	Green River	U-44426	43-013-31405	831' FNL, 1782' FEL	Vernal	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Vernal	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521	43-013-31419	1805' FNL, 2139' FEL	Vernal	Jonah
Balcron Monument Fed. #32-14J	Monument Butte	SW NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31490	1980' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Vernal	Jonah
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1880' FNL, 1980' FEL	Vernal	Beluga



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

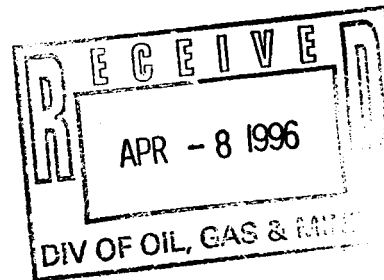
Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|-----------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Title:

Regulatory and

Environmental Specialist Date: March 27, 1996

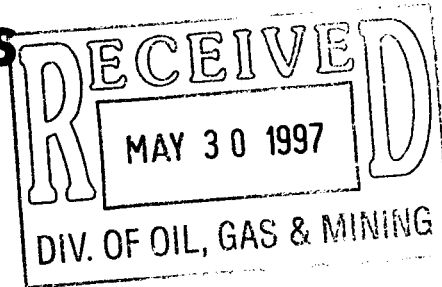
(This space for State use only)



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

May 27, 1997

Utah Board Of Oil, Gas, & Mining
1594 West North Temple
Suite-1220
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit
Beluga Secondary Recovery Unit
Coyote Basin Secondary Recovery Unit
Castle Draw (State Section-2) Pilot Waterflood
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti
District Production Engineer



2060 SOUTH 1500 EAST
VERNAL, UTAH 84078

Telephone (801) 789-4327

Water Analysis Report

Customer : EREC - Western Oil Company

Address : 1601 Lewis Avenue

City : Billings

State : MT **Postal Code :** 59104-

Attention : John Zellitti

cc1 : Dan Farnsworth

cc2 : Joe Ivey

cc3 :

Sonah Unit
Field : Monument Butte Field

Lease : Monument Federal Lease

Location : Well No. 14-05

Sample Point : wellhead

Date Sampled : 23-Jan-97

Date Received : 23-Jan-97

Date Reported : 08-Feb-97

Salesman : Lee Gardiner

Analyst : Karen Hawkins Allen

CATIONS			ANIONS		
Calcium :	36	mg/l	Chloride:	4,200	mg/l
Magnesium :	8	mg/l	Carbonate:	432	mg/l
Barium :	0	mg/l	Bicarbonate:	1,086	mg/l
Strontium :	0	mg/l	Sulfate:	0	mg/l
Iron :	1.0	mg/l			
Sodium :	3077	mg/l			
pH (field) :	9.32		Specific Gravity :	1.01	grams/ml
Temperature :	85	degrees F	Total Dissolved Solids :	8,840	ppm
Ionic Strength :	0.14		CO2 in Water :	1	mg/l
			CO2 in Gas :	0.03	mole %
Resistivity :		ohm/meters	H2S in Water :	0.0	mg/l
Ammonia :		ppm	O2 in Water :	0.000	ppm
Comments :					

SI calculations based on Tomson-Oddo

Calcite (CaCO3) SI :	1.43	Calcite PTB :	30.2
Gypsum (CaSO4) SI :	N/A	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

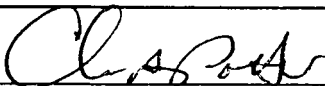
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:



CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

(This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGREEMENT
MONUMENT BUTTE #12-12	SWNW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
MONUMENT BUTTE #14-12	SWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
MONUMENT BUTTE #21-14	NENW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
MONUMENT BUTTE #22-5	SENW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #22-12J	SENW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15796-00	UTU096550	UTU72086A
MONUMENT BUTTE #23-11	NESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
MONUMENT BUTTE #32-11	SWNE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
MONUMENT BUTTE #32-12	SWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
MONUMENT BUTTE #41-14	NENE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
MONUMENT BUTTE #43-11	NESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED #13-11J	NWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15790-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE FED #31-1J	NW NE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31413-00	UTU33992	UTU72086A
✓ MONUMENT BUTTE FED #33-11J	NWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31451-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED #41-12J	NE NE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31487-00	UTU44426	UTU72086A
✓ MONUMENT BUTTE FED #42-11J	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30066-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED #42-12J	SENE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31486-00	UTU035521	UTU72086A
MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #12-11	SWNW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-5	SWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31385-00	UTU020252	UTU72086A
MONUMENT BUTTE FED. #14-11	SWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE FED. #23-5	NESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31383-00	UTU020252	UTU72086A
MONUMENT BUTTE FED. #23-15	NESW 159S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #24-12J	SESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31409-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #32-1J	SWNE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31414-00	UTU33992	UTU72086A
MONUMENT BUTTE FED. #32-15	SWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #34-10	SWSE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #41-15	NENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
✓ MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
✓ MONUMENT FEDERAL #12-7J	SWNW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31493-00	U-44426	UTU72086A

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ
2	DE 58-FILE
3	VLD (GIL)
4	RJE
5	LEP
6	FILM

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~XXX Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <u>**SEE ATTACHED**</u>	API: <u>013-31385</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Y 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Y 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Y 6. Cardex file has been updated for each well listed above. (4-11-96)
- Y 7. Well file labels have been updated for each well listed above. (4-11-96)
- Y 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Y 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Y 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- DTJ 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- UDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/604/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MONUMENT FEDERAL 14-5								
4301331385	11492	09S 17E 5	GRRV					
✓ MONUMENT FEDERAL 24-12J								
4301331409	11492	09S 16E 12	GRRV					
✓ BALCRON MONUMENT FEDERAL 31-1J								
4301331413	11492	09S 16E 1	GRRV					
✓ MONUMENT FEDERAL 32-1J								
4301331414	11492	09S 16E 1	GRRV					
✓ BALCRON MONUMENT FEDERAL 33-11J								
4301331451	11492	09S 16E 11	GRRV					
✓ BALCRON MONUMENT FEDERAL 42-12J								
01331486	11492	09S 16E 12	GRRV					
✓ BALCRON MONUMENT FEDERAL 41-12J								
4301331487	11492	09S 16E 12	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-7J								
4301331493	11492	09S 17E 7	GRRV					
✓ FEDERAL 24-3Y								
4301331397	11493	09S 17E 3	GRRV					
✓ FEDERAL 14-4								
4304715678	11500	08S 25E 4	GRRV					
✓ E. RED WASH 1-5								
4304720174	11500	08S 25E 5	GRRV					
✓ E. RED WASH FED 1-12								
4304720207	11500	08S 24E 12	GRRV					
✓ E. RED WASH FED 1-6								
4304720208	11500	08S 25E 6	GRRV					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH

Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #14-15	Monument Butte	SW SW	15	9S	16E	Duchesne	UT	PND	Green River	U-017985	43-013-31381	772' FSL, 543' FWL	Vernal	
Balcron Monument Fed. #14-26	Monument Butte	SW SW	26	8S	16E	Duchesne	UT	PND	Green River	U-34346	43-013-31512	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #14-3-9-17Y	Monument Butte	SW SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31535	671' FSL, 792' FWL	Vernal	
Balcron Monument Fed. #14-4	Monument Butte	SW SW	4	9S	16E	Duchesne	UT	PND	Green River	U-73086	43-013-31430	719' FSL, 607' FWL	Vernal	
Balcron Monument Fed. #14-5	Monument Butte	SW SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020250	43-013-31385	556' FSL, 517' FWL	Vernal	Jonah
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-10-9-17Y	Monument Butte	NE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31537	807' FNL, 2120' FWL	Vernal	
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31421	518' FNL, 1850' FWL	Vernal	Jonah
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #21-25	Undesignated	NE NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32528	748' FNL, 1964' FWL	Vernal	
Balcron Monument Fed. #22-12J	Monument Butte	SE NW	12	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15796	2018' FNL, 2099' FWL	Vernal	Jonah
Balcron Monument Fed. #22-14J	Monument Butte	SE NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31489	2134' FNL, 2198' FWL	Vernal	Jonah
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-20-9-18Y	Monument Butte	SE NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32711	1980' FNL, 1980' FWL	Vernal	
Balcron Monument Fed. #22-22-8-17Y	Monument Butte	SE NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-67845	43-013-31538	1945' FNL, 2030' FWL	Vernal	
Balcron Monument Fed. #22-5	Monument Butte	SE NW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31384	1853' FNL, 1980' FWL	Vernal	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Vernal	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Vernal	Jonah
Balcron Monument Fed. #23-24-8-17		NE SW	24	8S	17E	Uintah	UT	PND	Green River				Vernal	
Balcron Monument Fed. #23-25	Undesignated	NE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32529	1927' FSL, 2139' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	NE SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-31383	1816' FSL, 2057' FWL	Vernal	Jonah
Balcron Monument Fed. #24-12J	Monument Butte	SE SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-31409	539' FSL, 1777' FWL	Vernal	Jonah
Balcron Monument Fed. #24-25	Undesignated	SE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32669	653' FSL, 2028' FWL	Vernal	
Balcron Monument Fed. #24-5	Monument Butte	SE SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31375	765' FSL, 2243' FWL	Vernal	Jonah
Balcron Monument Fed. #24-6	Monument Butte	SE SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31363	504' FSL, 1613' FWL	Vernal	Jonah
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #31-1J	Monument Butte	NW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31413	660' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #31-25	Undesignated	NW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32530	660' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #31-7J	Monument Butte	NW NE	7	9S	17E	Duchesne	UT	WIW	Green River	U-44426	43-013-31405	831' FNL, 1782' FEL	Vernal	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Vernal	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521	43-013-31419	1805' FNL, 2139' FEL	Vernal	Jonah
Balcron Monument Fed. #32-14J	Monument Butte	SW NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31490	1980' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Vernal	Jonah
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1880' FNL, 1980' FEL	Vernal	Beluga

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-IEC	6-NA
2-CH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JBB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97TO: (new operator) INLAND PRODUCTION COMPANY(address) PO BOX 1446ROOSEVELT UT 84066Phone: (801) 722-5103Account no. N5160

FROM: (old operator)

(address)

EQUITABLE RESOURCES ENERGYPO BOX 577LAUREL MT 59044C/O CRAZY MTN O&G SVSPhone: (406) 628-4164Account no. N9890

WELL(S) attach additional page if needed:

***JONAH (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31385</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-13-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state**? (yes/no) ____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-14-98) * UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-14-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (GP) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Y 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Y 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Y 1. All attachments to this form have been **microfilmed**. Today's date: 2-3-98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980114 Btm/SL Aprv. eff. 1-13-98

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 4 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK FED 33-15								
4301330632	11492 09S 16E 15		GRRV			4017985	Jonah (6E) Unit	
✓ CASTLE PK FED 42-15								
4301330633	11492 09S 16E 15		GRRV			"		
✓ CASTLE PK FED. 22-15								
4301330634	11492 09S 16E 15		GRRV			"		
✓ MONUMENT BUTTE 1-23								
4301330646	11492 09S 16E 1		GRRV			418399		
✓ MONUMENT BUTTE 1-14								
4301330703	11492 09S 16E 1		GRRV			"		
✓ MONUMENT BUTTE 1-43								
4301330734	11492 09S 16E 1		GRRV			452013		
✓ MONUMENT BUTTE 1-34								
4301330736	11492 09S 16E 1		GRRV			"		
✓ GETTY 12-1								
4301330889	11492 09S 16E 12		GRRV			44426		
✓ GETTY 7A								
4301330926	11492 09S 17E 7		GRRV			"		
✓ GETTY 7C								
4301330961	11492 09S 17E 7		GRRV			"		
✓ MONUMENT FEDERAL 23-5J								
4301331383	11492 09S 17E 5		GRRV			4020252		
✓ MONUMENT FEDERAL 14-5								
4301331385	11492 09S 17E 5		GRRV			"		
✓ MONUMENT FEDERAL 24-12J								
4301331409	11492 09S 16E 12		GRRV			4035521A	✓	
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION**(406) 259-7860 Telephone****(406) 245-1361 Fax**

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*
Call if you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
JAN 14 1998
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

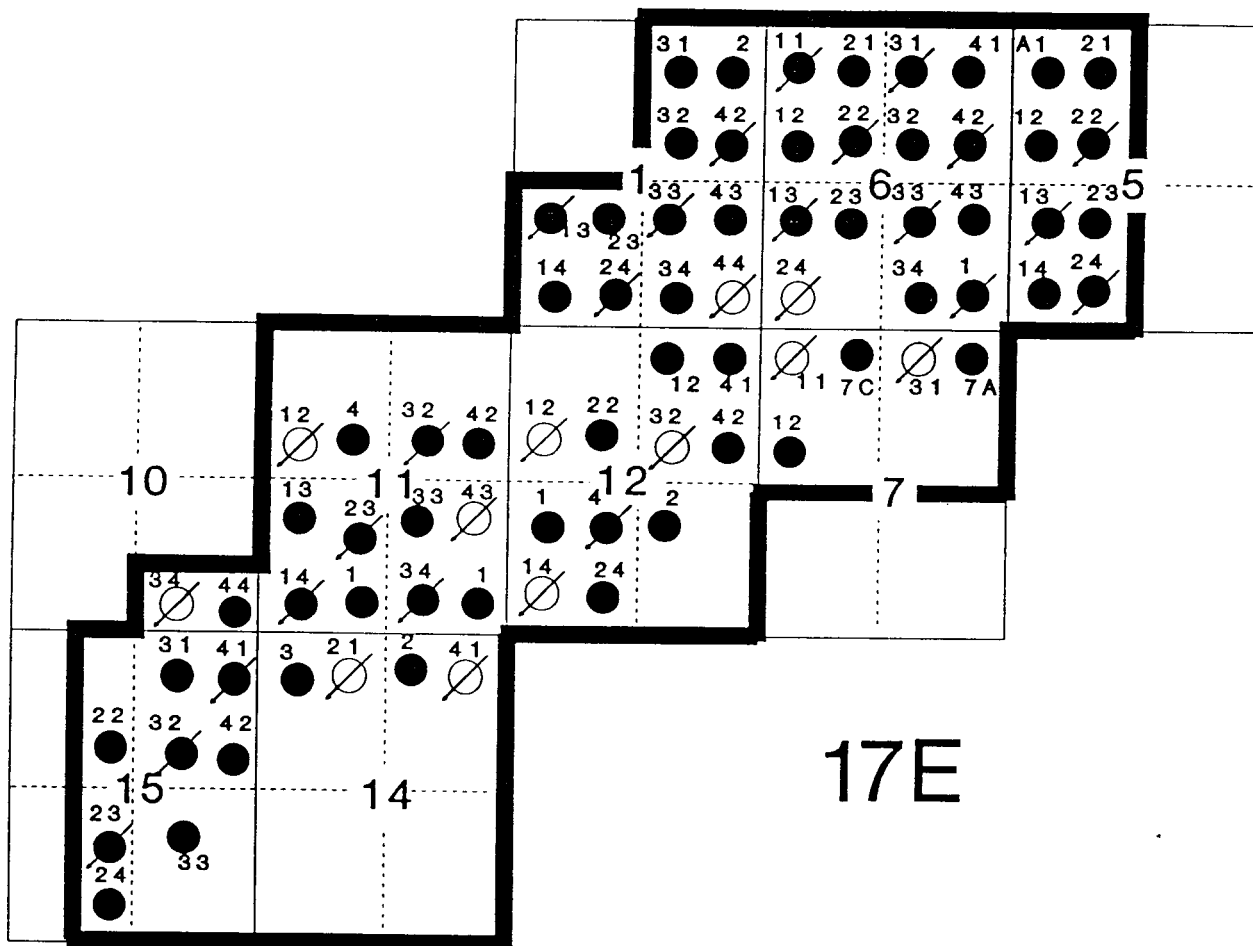
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0566 FSL 0517 FWL SW/SW Section 5, T09S R17E

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

MONUMENT FEDERAL 14-5

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

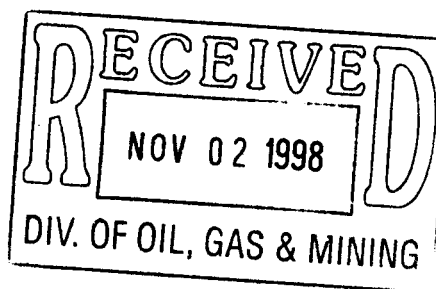
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct.

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company

Site Facility Diagram

Monument Federal 14-5

SW/SW Sec. 5, T9S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

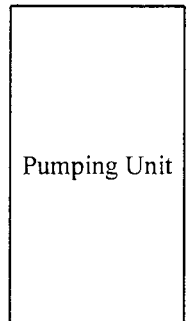
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

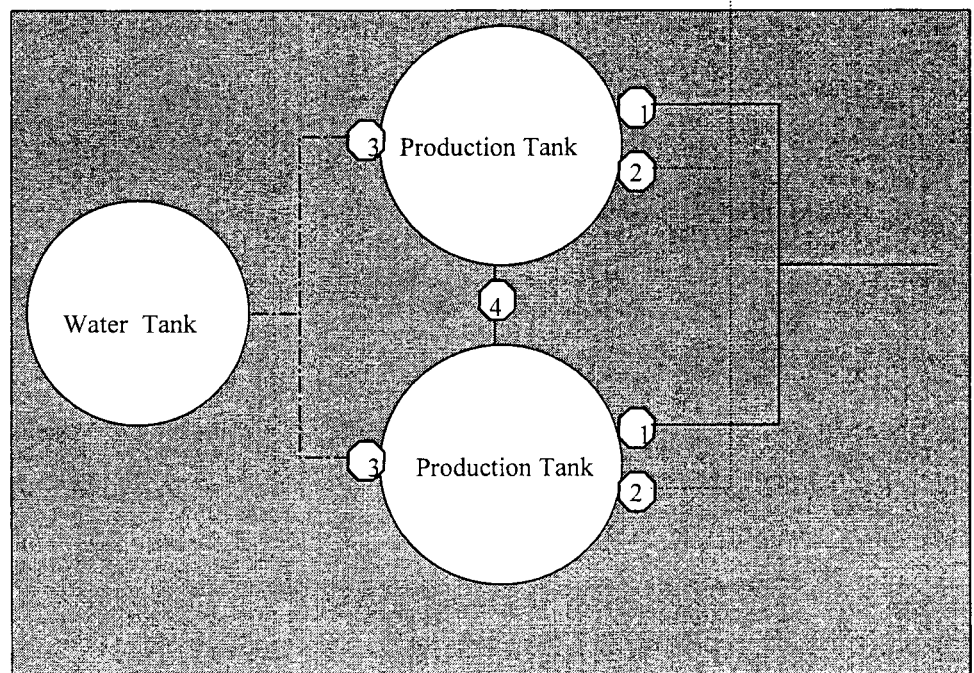
Draining Phase:

- 1) Valve 3 open



Gas Sales Meter

Diked Section



Emulsion Line

Load Line _____

Water Line - - - - -

Gas Sales - . - . - . - . - . - . - . - .

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

566' FSL & 517' FWL SW/SW Sec 5. TWN 9S. R17E

5. Lease Designation and Serial No.

U-020252

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Jonah

8. Well Name and No.

MF 14-5j-9-17

9. API Well No.

43-013-31385

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTA

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion -- *Reperf*
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On June 3, 2002 Recompletion process was initiated. Subject well was cleaned out to PBTD off 5647'. New Zones were perforated in the Green river interval of 4079-84" & 4099-4102', & 4139-48'. Zones was perforated with 4" Guns @ 4 JSPF & 90* Phased. Additional 17' of zone & 68 holes were added. New intervals were Hydraulically fractured with 77,920 #'s of 20/40 sand in 552 bbls Viking 1-25 fluid. Well then was swabbed clean & returned to normal production. on June 7, 2002

RECEIVED

JUN 11 2002

**DIVISION OF
GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener
Pat Wisener

Title

Completion Foreman

Date

06/10/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 42-1J	01	090S	160E	4301331404	11492	Federal	WI	A
MON FED 43-11J	11	090S	160E	4301331002	11492	Federal	WI	A
WALTON FED 34-11	11	090S	160E	4301331003	11492	Federal	WI	A
MON FED 23-11J	11	090S	160E	4301331369	11492	Federal	WI	A
MON FED 14-11J	11	090S	160E	4301331374	11492	Federal	WI	A
MON FED 32-11J	11	090S	160E	4301331386	11492	Federal	WI	A
MON FED 41-15	15	090S	160E	4301331367	11492	Federal	WI	A
MON FED 32-15J	15	090S	160E	4301331368	11492	Federal	WI	A
MON FED 23-15	15	090S	160E	4301331373	11492	Federal	WI	A
MON FED 13-5	05	090S	170E	4301331370	11492	Federal	WI	A
MON FED 24-5	05	090S	170E	4301331375	11492	Federal	WI	A
MONUMENT FED 23-5J	05	090S	170E	4301331383	11492	Federal	OW	P
MON FED 22-5	05	090S	170E	4301331384	11492	Federal	WI	A
MONUMENT FED 14-5	05	090S	170E	4301331385	11492	Federal	OW	P
ALLEN FED 31-6	06	090S	170E	4301331195	11492	Federal	WI	A
MONUMENT 33-6	06	090S	170E	4301331361	11492	Federal	WI	A
MON FED 11-6	06	090S	170E	4301331362	11492	Federal	WI	A
MON FED 24-6	06	090S	170E	4301331363	11492	Federal	WI	A
MON FED 42-6	06	090S	170E	4301331364	11492	Federal	WI	A
GETTY 7C	07	090S	170E	4301330961	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

DEC 29 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RECEIVED

JAN 06 2010

DIV. OF OIL, GAS & MINING

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

RE: Additional Well: Jonah Area Permit
Additional Testing Required on Injection well
UIC Permit No. UT20642-00000
Well ID: UT20642-08677
Monument Federal No. 14-5J-9-17
SW SW Sec. 5-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31385

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well, Monument Federal No. 14-5J-9-17, to an enhanced recovery injection well under the Jonah Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Jonah Area Permit No. UT20642-00000 and subsequent modifications.

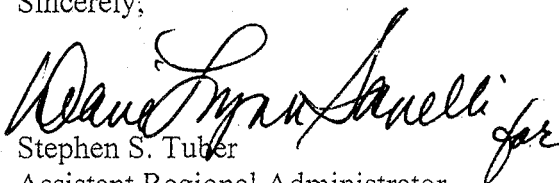
Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,603 feet and the top of the Wasatch Formation, estimated at 5,957 feet.

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a Part 1 (Internal) mechanical integrity test (MIT), (2) a pore pressure calculation of the injection interval, (3) the results of a radioactive tracer survey within a 180-day authorization to inject, and (4) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for Monument Federal No. 14-5J-9-17 was determined to be 1,180 psig. UIC Area Permit UT20642-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or 1-(800)-227-8917 (Ext. 312-6174). Please submit the required data to ATTENTION: Emmett Schmitz at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Encl: Authorization for Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Proposed Wellbore and P&A Wellbore schematics for Monument Federal No. 14-5J-9-17

cc: Permit Letter:
Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20642-00000

The Jonah Final UIC Area Permit No. UT20642-00000, effective December 22, 1992, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On November 10, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Monument Federal No. 14-5J-9-17
EPA Well ID Number:	UT20642-08677
Location:	566' FSL & 517' FWL SW SW Sec. 5 T9S-R17E Duchesne County, Utah API #43-013-31385

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20642-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the Area Permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Area Permit No. UT20642-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the Permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date:

12/29/09


Stephen S. Tuber

*Assistant Regional Administrator

Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the Permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20642-00000

Well: Monument Federal No. 14-5J-9-17 EPA Well ID: UT20642-08677

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Monument Federal No. 14-5J-9-17

EPA Well ID Number: UT20642-08677

Prior to Commencing Injection Operations, the Permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.
2. Pore pressure calculation of the proposed injection zone;
3. A successful Part I (internal) Mechanical Integrity Test (MIT)

Once these records are received and approved by EPA, Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the Permit, an extension of the period of Limited Authorization to Inject may be requested.

A successful RTS will be considered a valid confirmation that cementing records show adequate cement to prevent the upward migration of injection fluids from the injection zone at injection pressures up to the MAIP, until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*)
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, which may affect the cement integrity of the well
- e) If the Director requests that a RTS be run for any reason

A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate Part II Mechanical Integrity using an approved Part II demonstration method such as a Temperature Log, Oxygen Activation Log, or Noise Log at a frequency no less than once every five years.

Once these records are received and approved by EPA, Director will provide written authorization to inject.

PLEASE NOTE THAT ALL DEPTHS ARE CALCULATED FROM KELLY BUSHING.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation at 3,603 feet to the top of the Wasatch Formation, at an estimated depth of 5,957 feet.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,180 psig, based on the following calculation:

$$\begin{aligned}\text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D} \\ \text{FG} &= 0.73 \text{ psi/ft} \quad \text{SG} = 1.015 \quad \text{D} = 4,079 \text{ feet (top perforation depth)} \\ \text{MAIP} &= \underline{\underline{1,180 \text{ psig}}}\end{aligned}$$

UIC Area Permit No. UT20642-00000 provides the opportunity for the Permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction: Casing and Cementing: Monument Federal No. 14-5J-9-17 was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the Cement Bond Log (CBL), have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8 inch or acceptable size injection tubing is approved. The packer shall be set at a depth no more than 100 feet. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

(2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, Permittee shall demonstrate Part II (External) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as Temperature Log, Noise Log or Oxygen Activation Log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The Applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by EPA. The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment Plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50-foot surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 feet above the top perforation with a minimum of 20-foot cement plug on top of the CIBP.

PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Bench from approximately 2,730 feet – 2,875 feet unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 145-foot balanced cement plug inside the 5-1/2 inch casing from approximately 2,730 – 2,875 feet.

PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2 inch casing across the contact between the Uinta Formation and Green River Formation (1,360 feet) from approximately 1,300 feet – 1,420 feet unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2 inch casing from approximately 1,300 feet - 1,420 feet.

PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2 inch casing to 333 feet and up the 5-1/2 inch x 8-5/8 inch casing annulus to the surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Monument Federal No. 14-5J-9-17

EPA Well ID Number: UT20642-08677

Underground Sources of Drinking Water (USDWs): USDWs in the Jonah Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 250 feet below ground surface in Monument Federal No. 14-5J-9-17.

http:NRWRT1.NR.STATE.UT.US: There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the Monument Federal No. 14-5J-9-17.

Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):

- TDS of the Douglas Creek Member of the Green River Formation Water: 8,822 mg/l.

- TDS of Jonah Facility Injection System source water: 3,078 mg/l.

The **injectate** is water from Jonah Facility Injection System blended with produced Green River Formation Water resulting in TDS < 10,000 mg/l.

Aquifer Exemption: The TDS of water produced from the proposed injection well is less than 10,000 mg/l. EPA has evaluated additional data and information and has concluded that the original Green River formation water was saline prior to enhanced oil recovery water flooding. The weight of evidence supports the conclusion that the occasional water sample from this area showing less than 10,000 mg/l total dissolved solids (TDS) is not representative of original Green River formation water, and is attributed to injection of relatively freshwater during enhanced oil recovery operations. Because this freshening effect from water flood operations is considered by EPA to be a temporary, artificial condition, and the injectate is less than 10,000 mg/l TDS, an aquifer exemption is not required for Monument Federal No. 14-5J-9-17.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is 93 feet of shale between the depths of 3,510 feet and 3,603 feet.

Injection Zone: The Injection Zone in Monument Federal No. 14-5J-9-17 contains approximately 2,363 feet of interbedded and lenticular sand, shale, marlstone and limestone from the top of the Garden Gulch Member at 3,603 feet to the top of the Wasatch Formation which is estimated to be at 5,957 feet. All formation tops are based on correlations to Newfield Production Federal No. 1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL does not show 80% or greater cement bond index in the Confining Zone (3,510 - 3,603 ft. KB). Further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8 inch casing is set at 283 feet in a 12-1/4 inch hole, using 150 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2 inch casing is set at 5,694 feet in a 7-7/8 inch hole secured with 353 sacks of cement. Total driller depth 5,700 feet. Plugged back total depth is 5,652 feet. EPA calculates top of cement at 3,413 feet. Estimated CBL top of cement is 2,620 feet.

Perforations: Top perforation: 4,079 feet. Bottom perforation: 5,494 feet.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following three (3) wells that penetrate the Confining Zone, within or proximate to a 1/4 mile radius around the Monument Federal No. 14-5J-9-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs. No Corrective Action is required.

Jonah Federal No. Q-5-9-17 SW SW Sec. 6-T9S-R17E
80% bond index cement across Confining Zone (3,500 feet – 3,705 feet) and alternative confining shales "A" (3,822 feet – 3,906 feet) and "B" (3,936 feet – 4,070 feet).

Pleasant Valley No. 4-8-9-17 UT20771-06752 NW NW Sec. 8-T9S-R17E
Radioactive Tracer Survey (September 3, 2007) confirms injectate confined to authorized interval.

Allen Federal No. 1-6-9-17 UT20642-03732 SE SE Sec. 6-T9S-R17E
Lacks adequate cement bond within Confining Zone (3,550 feet – 3,674 feet), but alternative confining shales "A" (3,790 feet – 3,872 feet) and "B" (3,892 feet – 3,992 feet) have adequate annulus cement bond.

Reporting of Noncompliance:

- (a) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.

- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.



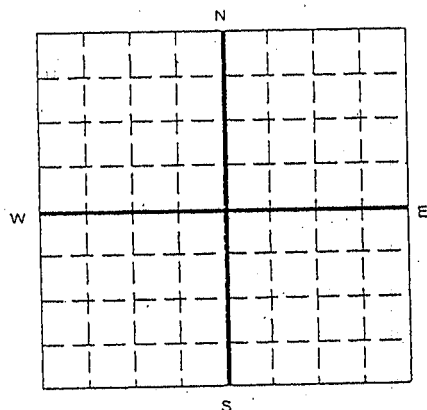
United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

County

Permit Number

Surface Location Description

___ 1/4 of ___ 1/4 of ___ 1/4 of ___ 1/4 of Section ___ Township ___ Range ___

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ___ ft. from (N/S) ___ Line of quarter section

and ___ ft. from (E/W) ___ Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

☐ Individual☐ Area

Number of Wells ___

Well Number

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

UT 20642-08677

Monument Federal #14-5J-9-17

Spud Date: 9/9/1993
Put on Production: 11/28/1993
GL: 5238' KB: 5248'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (273.46')
DEPTH LANDED: 283.46'
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt. to surface

Base of 150' 250'
Green River 1360'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts. (5696.90')
DEPTH LANDED: 5694'
HOLE SIZE: 7-7/8"
CEMENT DATA: 138 sk Thrifty Lite & 215 sxs 50/50 POZ.
CEMENT TOP AT: 2620' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (4525.43') Bottom 23 inspected yell. bnd.
TUBING ANCHOR: 5443.46' KB
NO. OF JOINTS: 2 jts (64.78') New
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5509.34' KB
NO. OF JOINTS: 1 jts (31.26')
TOTAL STRING LENGTH: EOT @ 5541.05' KB

* NO 80%-70%-60% Cement
Bond: Confining Zone w/ "A" or "B"

Castle Peak 5422'-5032'

FRAC JOB

10/21/93	5475'-5494'	Frac as follows: 25,600# 20/40 sand & 22,200# 16-30 sand in 130 bbl. Viking I-35 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 25 BPM. ISIP 1600 psi. Calc. flush: 5475 gal, Actual flush: 5375 gal.
10/27/93	4918'-5099'	Frac as follows: 33,000# 16-30 sand in 273 bbl. Viking I-35 frac fluid. Treated @ avg press of 3000 psi w/avg rate of 22 BPM. ISIP 2120 psi. Calc. flush: 4918 gal, Actual flush: 4872 gal.
6/05/02	4079'-4148'	Frac GB4 & GB6 as follows: 77,920# 16-30 sand in 318 bbl. Viking I-25 frac fluid. Treated @ avg press of 2050 psi w/avg rate of 25 BPM. ISIP 2142 psi. Calc. flush: 4079 gal, Actual flush: 3990 gal.
6/28/02		Pump change. Update rod and tubing details.

*2784-2794 Tongue
2794'-2825' Mahogany Bench*

*3510'-3603' Confining Zone
3603' Gordon Gulch
"A" 3716'-3800'
"B" 3830'-3910'*

4857 Douglas Creek

Packer @ 4029'
4079'-4084'
4091'-4092'
4099'-4102'
4139'-4148'

PERFORATION RECORD

10/20/93	5475'-5494'	2 JSPF	38 holes
10/26/93	5096'-5099'	2 JSPF	06 holes
10/26/93	4918'-4926'	2 JSPF	16 holes
6/04/02	4079'-4084'	4 JSPF	20 holes
6/04/02	4091'-4092'	4 JSPF	08 holes
6/04/02	4099'-4102'	4 JSPF	12 holes
6/04/02	4139'-4148'	4 JSPF	36 holes

4918'-4926'
5096'-5099'
5475'-5494'

5584'-5606' 80% Bond

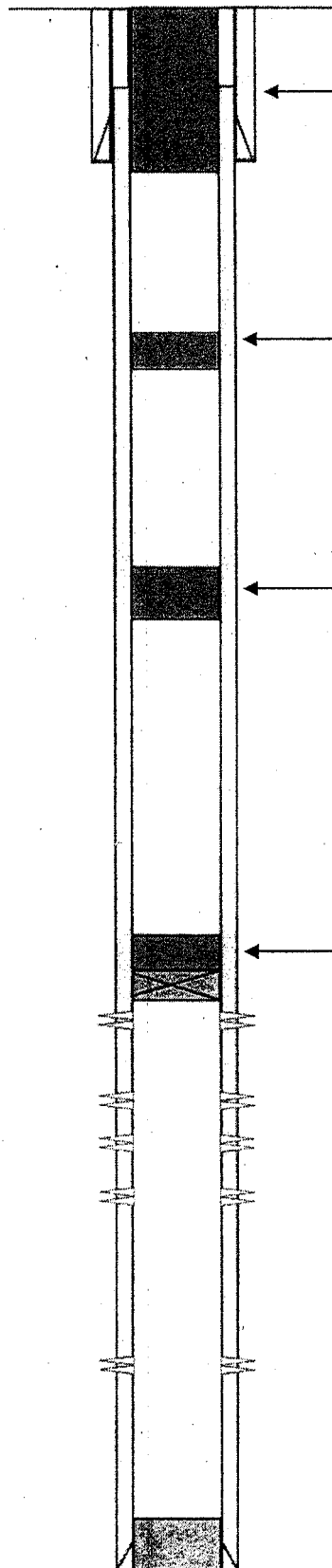
PBTD @ 5652'
TD @ 5700'

*Est. Basal Carbonate 5832'
Est. N2524 5957'*

NEWFIELD

Monument Federal #14-5J-9-17
566' FSL & 517' FWL
SW/SW Section 5-T9S-R17E
Duchesne Co, Utah
API #43-013-31385; Lease #U-020252

Plugging and Abandonment Diagram
Monument Federal No. 14-5J--17



Plug 4: Set a Class "G" cement plug within the 5-1/2 inch casing surface to 333 feet and up the 5-1/2 inch X 8-5/8 inch casing annulus to the surface.

Plug 3: Perforate and squeeze cement up the backside of the casing across the contact between the Uinta Formation and Green River Formation 1,300 feet - 1,420 feet unless existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot balanced cement plug inside the casing from approximately 1,300 feet - 1,420 feet.

Plug 2: Perforate and squeeze cement up the backside of the casing across the Trona Zone and the Mahogany Bench from approximately 2,730 feet - 2,875 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 145-foot balanced cement plug inside the casing from approximately 2,730 feet - 2,875 feet.

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft above the top perforation with a minimum of 20 ft cement plug on top of the CIBP.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

GMBU

8. WELL NAME and NUMBER:

MONUMENT FED 14-51

9. API NUMBER:

4301331385

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 566 FSL 517 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 5, T9S, R17E

STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

08/02/2010

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☒ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☒ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: -

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 07/29/2010.

On 07/29/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/02/2010 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-08677

API# 43-013-31385

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 08/05/2010

(This space for State use only)

RECEIVED

AUG 11 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

566 FSL 517 FWL

SWSW Section 5 T9S R17E

5. Lease Serial No.

USA UTU-020252

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT FED 14-5J

9. API Well No.

4301331385

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 07/29/2010.

On 07/29/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/02/2010 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-08677

API# 43-013-31385

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

08/05/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
AUG 11 2010

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8 / 2 / 10

Test conducted by: SCOTT SIMS

Others present: RUSBY BIRD

Well Name: <u>FEDERAL MONUMENT 14-5J-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT</u>		
Location: <u>14-5J-9-17</u> Sec: <u>5</u> T <u>9</u> N <u>(S)</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEWFIELD</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>		Maximum Allowable Pressure: <u> </u> PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
 Initial test for permit? ☒ Yes ☐ No
 Test after well rework? ☐ Yes ☒ No
 Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1590</u> psig	psig	psig
5 minutes	<u>1590</u> psig	psig	psig
10 minutes	<u>1590</u> psig	psig	psig
15 minutes	<u>1590</u> psig	psig	psig
20 minutes	<u>1590</u> psig	psig	psig
25 minutes	<u>1590</u> psig	psig	psig
30 minutes	<u>1590</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

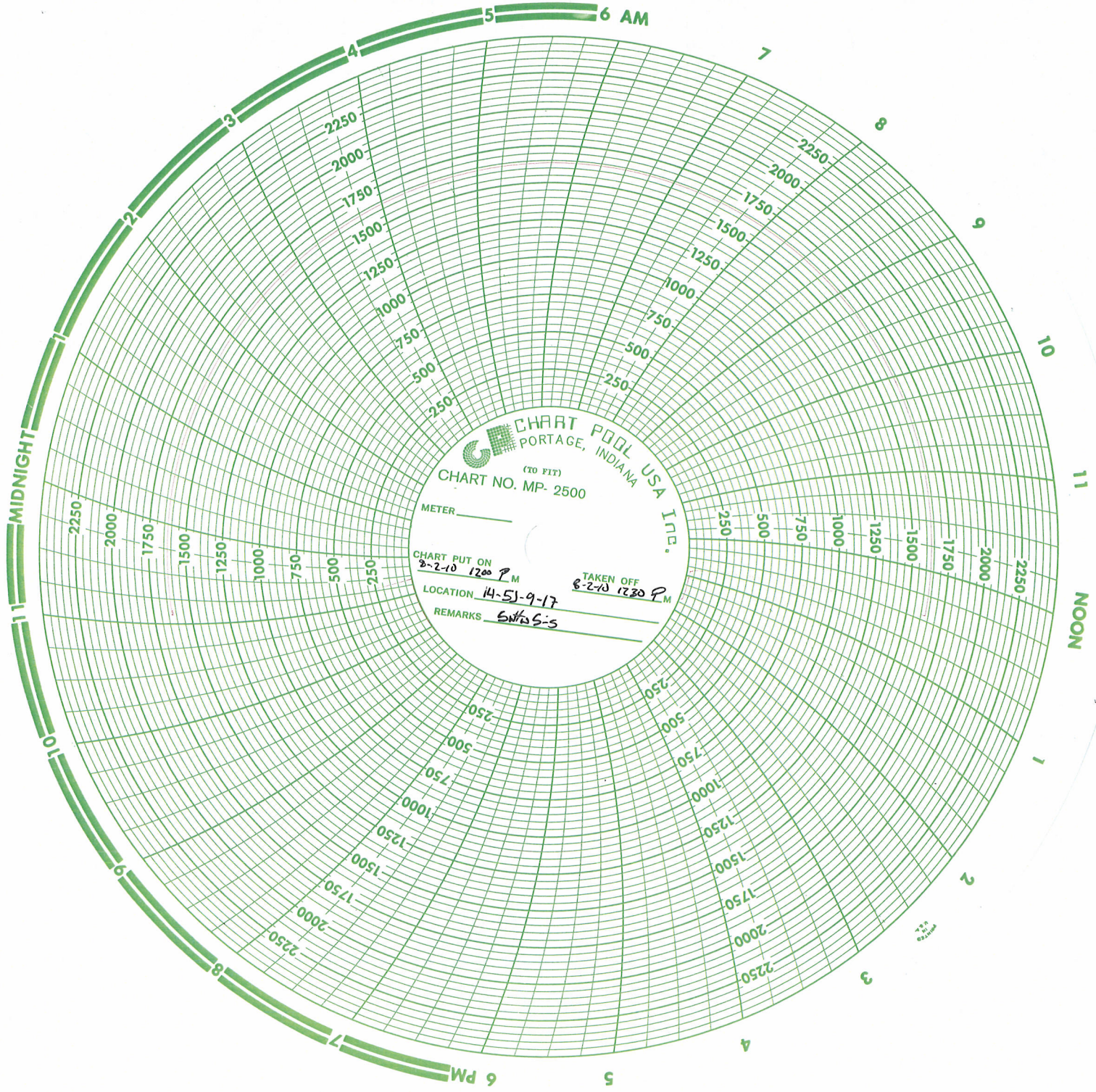


CHART POOL USA INC.
(TO FIT)
PORTAGE, INDIANA
CHART NO. MP- 2500

METER _____

CHART PUT ON
8-2-10 1200 P.M.

TAKEN OFF
8-2-10 1200 P.M.

LOCATION 14-51-9-17

REMARKS SWD 5-5

Daily Activity Report

Format For Sundry

MON 14-5J-9-17**5/1/2010 To 9/30/2010****7/28/2010 Day: 1****Conversion**

WWS #7 on 7/28/2010 - MIRU Western rig #7. LD rod string & pump. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F (circulating). RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. W/ tbg full, pressure up on tbg to 2700 psi--ruptured. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH W/ add'l 60 BW. SIFN. - Receiving H2S readings of 250 ppm f/ casing returns. Treated Water W/ niocide & have it down to 20 ppm. Will double kill water in AM circulation.

Daily Cost: \$0**Cumulative Cost:** (\$25,090)

7/29/2010 Day: 2**Conversion**

WWS #7 on 7/29/2010 - TOH W/ production tbg. TIH W/ packer & test injection string. - RU HO trk & rev circulate hole W/ 180 bbls fresh water @ 250°F (added 10 gals biocide & 5 gals H2s scavenger). No H2s readings. ND wellhead & release TA @ 5443'. NU BOP. TOH & talley production tbg. Broke each connection, clean & inspect each pin and apply Liquid O-ring to pins. LD btm 49 jts tbg and BHA. Reflushed tbg twice more on TOH W/ treated wtr to clear wax from ID. MU & TIH W/ new Weatherford Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN & 130 jts 2 7/8 8rd 6.5# J-55 tbg. Dropped SV & pumped to SN W HO trk. Pressure test tbg to 3000 psi. Seems to be holding, will leave pressure on overnight.

Daily Cost: \$0**Cumulative Cost:** (\$16,857)

7/30/2010 Day: 3**Conversion**

WWS #7 on 7/30/2010 - Confirmed tbg test. Set & test packer. RDMOSU. - SITP @ 1500 psi. RU HO trk to tbg. Bleed pressure off tbg. Re-fill & pressure test to 3000 psi. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 3991', CE @ 3995' & EOT @ 4000'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. Well ready for MIT.

Daily Cost: \$0**Cumulative Cost:** (\$13,559)

8/3/2010 Day: 4**Conversion**

Rigless on 8/3/2010 - Conversion MIT - On 7/29/2010 Jason Deardorff with the EPA was contacted concerning the Conversion MIT on the above listed well (Monument 14-5J-9-17). On 8/2/2010 the csg was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA UT# 20642-08677 API#43-013-31358 **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$11,161

Pertinent Files: Go to File List



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUG 24 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20642-08677
Monument Federal 14-5J-9-17
SWSW Sec. 5-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31385

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) August 5, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20642-08677.

As of the date of this letter, Newfield is authorized to commence injection into the Monument Federal 14-5J-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,180 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. If Newfield seeks a higher MAIP than 1,180 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20642-08677.

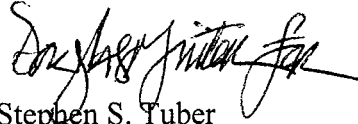
RECEIVED

SEP 01 2010

DIV. OF OIL, GAS & MINING

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 1-800-227-8917, ext. 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Frances Poowegup, Vice-chairwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Richard Jenks, Jr., Councilman

Daniel Picard, Superintendent
Uintah & Ouray Indian Agency
Bureau of Indian Affairs

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-020252

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

8. WELL NAME and NUMBER:
MONUMENT FED 14-5J

9. API NUMBER:
4301331385

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 566 FSL 517 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 5, T9S, R17E

STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 09/06/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 2:30 PM on 09-06-2010.

EPA # UT20642-08677 API # 43-013-31385

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 09/07/2010

(This space for State use only)

RECEIVED

SEP 13 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

566 FSL 517 FWL

SWSW Section 5 T9S R17E

5. Lease Serial No.

USA UTU-020252

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT FED 14-5J

9. API Well No.

4301331385

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Put on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

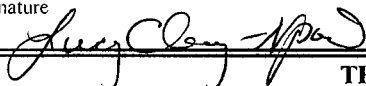
The above reference well was put on injection at 2:30 PM on 09-06-2010.

EPA # UT20642-08677 API # 43-013-31385

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature



Title

Administrative Assistant

Date

09/07/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

SEP 13 2010

DIV. OF OIL, GAS & MINING



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JAN 11 2011

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

RE: Underground Injection Control (UIC)
Authorization to Continue Injection
EPA UIC Permit UT20642-08677
Well: Monument Federal 14-5J-9-17
SWSW Sec. 5-T9S-R17E
Duchesne County, UT
API No.: 43-013-31385

Dear Mr. Guinn:

The U.S. Environmental Protection Agency (EPA), Region 8, received the results of the November 23, 2010, Radioactive Tracer Survey (RTS) for the Monument Federal 14-5J-9-17 well. EPA determined the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 1,180 psig.

As of the date of this letter, EPA hereby authorizes continued injection into the Monument Federal 14-5J-9-17 well under the terms and conditions of UIC Permit UT20642-08677.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a Step Rate Test (SRT) that measures the formation parting pressure and determines the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during any test. A current copy of EPA guidelines for running and interpreting SRTs will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS conducted at the higher MAIP is required.

RECEIVED

JAN 20 2011

DIV. OF OIL, GAS & MINING

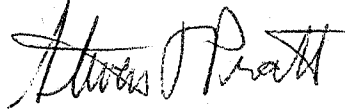
As of this approval, responsibility for permit compliance and enforcement is transferred to EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Nathan Wiser at the following address, referencing the well name and UIC Permit number on all correspondence:

Mr. Nathan Wiser
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211. Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20642-08677.

If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-6583.

Sincerely,



for

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Richard Jenks, Jr., Chairman
Frances Poowegup, Vice-Chairwoman
Curtis Cesspooch, Councilman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MONUMENT FED 14-5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0566 FSL 0517 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 05 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013313850000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/2/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 11/30/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 12/02/2011 the csg was pressured up to 1060 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure 395 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20642-08677		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 12/8/2011		

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 2 / 2011
Test conducted by: Brandon Morales
Others present: _____

Well Name: <u>Monument Federal 14-55-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>14</u>	Sec: <u>SJT 9</u>	N/S R/ <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Brandon Morales</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

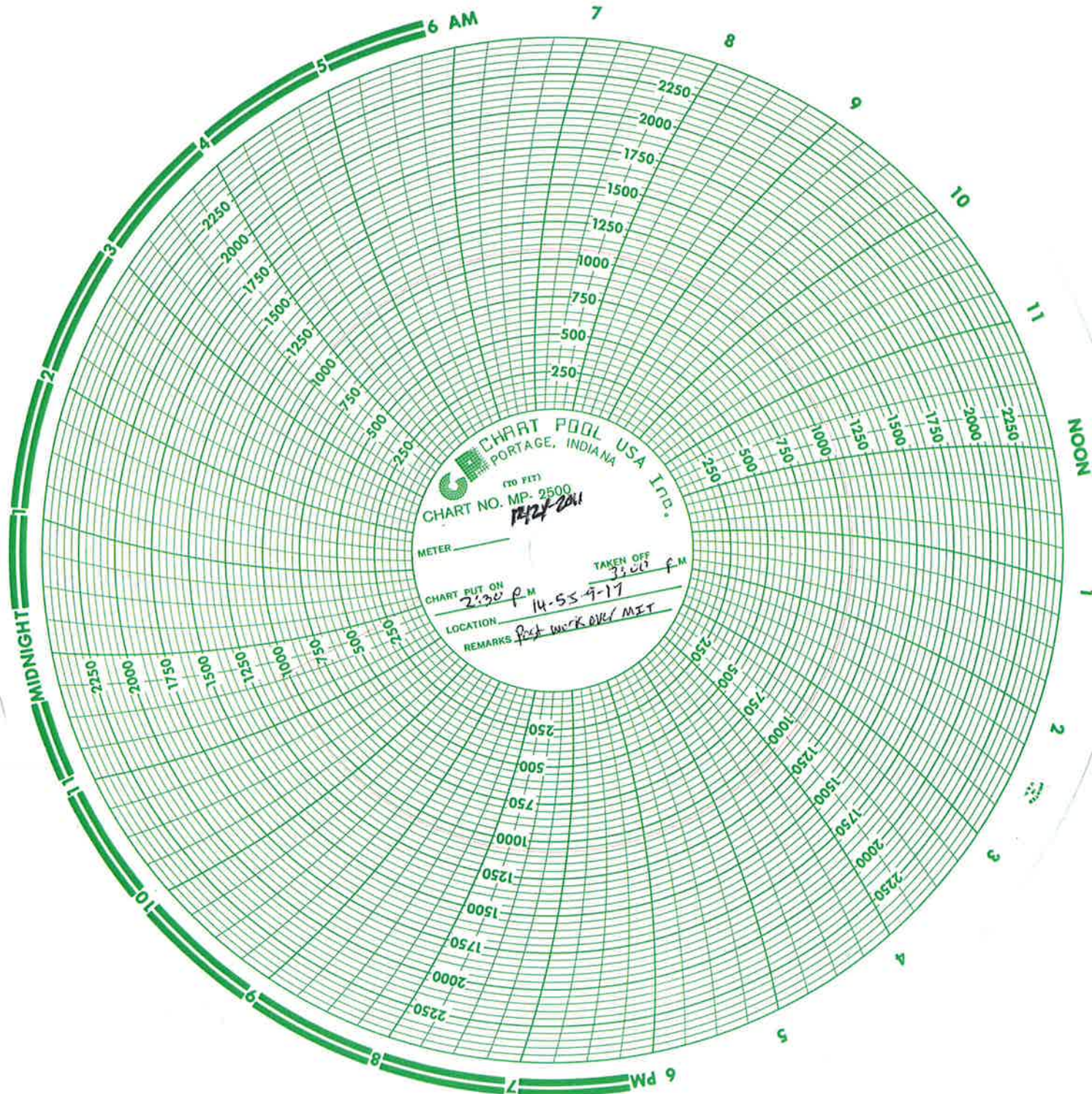
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>395</u> psig	psig	psig
End of test pressure	<u>395</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1060</u> psig	psig	psig
5 minutes	<u>1060</u> psig	psig	psig
10 minutes	<u>1060</u> psig	psig	psig
15 minutes	<u>1060</u> psig	psig	psig
20 minutes	<u>1060</u> psig	psig	psig
25 minutes	<u>1060</u> psig	psig	psig
30 minutes	<u>1060</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report**Format For Sundry****MON 14-5J-9-17****7/1/2011 To 11/30/2011****9/22/2011 Day: 1****Tubing Leak**

Nabors #1108 on 9/22/2011 - RLS PKR TEST TBG. W/ SV - MIRUPU SICP 100# SITP 1000# BLEED WELL DWN. ND WELL HEAD RLS 5 1/2 AS1X PKR NU BOP. RU HOT OILER FLUSH TBG. W/ 50 BBLS @ 250 DEGREES DROP SV. PT TBG. TO 3000# 5 TIMES LOSING 50# IN 30 MIN. TEST EVERY TEST. SWIFN FOR NEWFIELD SAFTEY MEETING. - MIRUPU SICP 100# SITP 1000# BLEED WELL DWN. ND WELL HEAD RLS 5 1/2 AS1X PKR NU BOP. RU HOT OILER FLUSH TBG. W/ 50 BBLS @ 250 DEGREES DROP SV. PT TBG. TO 3000# 5 TIMES LOSING 50# IN 30 MIN. TEST EVERY TEST. SWIFN FOR NEWFIELD SAFTEY MEETING. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$6,631

9/27/2011 Day: 2**Tubing Leak**

Nabors #1108 on 9/27/2011 - BREAK AND DOPE COLLARS REPLACE BHA - PRES. TEST TBG. TO 3000# BLEED OFF 170 # FIRST TEST 70 # 2ND, 100# 3RD, & 50 # 4TH, TEST POOH W/ 65 JNTS. BREAK AND DOPE EACH COLLAR, LD BHA (5 1/2 AS1X) PU RIH W/ REDRESSED 5 1/2 AS1X PSN & 65 JNTS. 2 7/8 TBG. SWIFN. - PRES. TEST TBG. TO 3000# BLEED OFF 170 # FIRST TEST 70 # 2ND, 100# 3RD, & 50 # 4TH, TEST POOH W/ 65 JNTS. BREAK AND DOPE EACH COLLAR, LD BHA (5 1/2 AS1X) PU RIH W/ REDRESSED 5 1/2 AS1X PSN & 65 JNTS. 2 7/8 TBG. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$14,145

9/28/2011 Day: 3**Tubing Leak**

Nabors #1108 on 9/28/2011 - CONT. HUNTING LEAK - FLUSH TBG. W/ 20 BBLS @ 250 DEG. DROP SV, TEST TO 3000# 4 TIMES TEST GOOD RIH W/ 60 JNTS. 2 7/8 TBG. FILL W/ 5 BBLS PT TO 3000# LOSSING 100# POOH W/ 30 JNTS. PT TO 3000# LOSSING 100# SWI SDFN - FLUSH TBG. W/ 20 BBLS @ 250 DEG. DROP SV, TEST TO 3000# 4 TIMES TEST GOOD RIH W/ 60 JNTS. 2 7/8 TBG. FILL W/ 5 BBLS PT TO 3000# LOSSING 100# POOH W/ 30 JNTS. PT TO 3000# LOSSING 100# SWI SDFN **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$21,659

9/30/2011 Day: 4**LEAK**

Nabors #1108 on 9/30/2011 - CHANGE OUT COLLARS ON 16 JTS. CONT. TESTING STILL CAN NOT GET SOLID TEST - LEFT TBG. PRES. @ 3000# BLEED DWN. TO 2350# OVERNIGHT POOH W/ 12 JTS. TEST TO 3000# TEST GOOD RIH W/ 16 JTS. UNABLE TO GET TEST CHANGE OUT TBG. COLLARS ON 16 JTS. STILL UNABLE TO GET TEST POOH W/ 8 JTS. NO TEST POOH W/ 8 JTS. NO TEST SWIFN - LEFT TBG. PRES. @ 3000# BLEED DWN. TO 2350# OVERNIGHT POOH W/ 12 JTS. TEST TO 3000# TEST GOOD RIH W/ 16 JTS. UNABLE TO GET TEST CHANGE OUT TBG. COLLARS ON 16 JTS. STILL UNABLE TO GET TEST POOH W/ 8 JTS. NO TEST POOH W/ 8 JTS. NO TEST SWIFN

Daily Cost: \$0**Cumulative Cost:** \$29,143

10/3/2011 Day: 5**LEAK**

Nabors #1108 on 10/3/2011 - CONT. LOOKING FOR LEAK DID FIND JT. W/ PIN HOLE STILL UNABLE TO GET SOLID TEST. - TEST TBG. TO 3000# LOSE 300# IN 10 MIN. RU SAND LINE POOH W/ SV FLUSH TBG. W/ 30 BBLS HEATED WTR. DROP REDRESSED SV TEST TO 3000# W/ 114 JTS. IN HOLE (3580') NO TEST POOH W/ 8 JTS. FIND PIN HOLE REPLACE JT. RIH STILL NO TEST LOSEING 50# IN 30 MIN. - TEST TBG. TO 3000# LOSE 300# IN 10 MIN. RU SAND LINE POOH W/ SV FLUSH TBG. W/ 30 BBLS HEATED WTR. DROP REDRESSED SV TEST TO 3000# W/ 114 JTS. IN HOLE (3580') NO TEST POOH W/ 8 JTS. FIND PIN HOLE REPLACE JT. RIH STILL NO TEST LOSEING 50# IN 30 MIN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$30,943

10/4/2011 Day: 6**LEAK**

Nabors #1108 on 10/4/2011 - LD TBG. STRING & PU NEW STRING - P.T. TBG. TO 3000# NO TEST RIH W/ 36 JTS. POOH W/ 130 JTS. & BHA LD TBG. PU RIH W/ REDRESS PKR PSN AND 130 JTS. (BLUE BAND) TBG. BREAKING & REDOPE COLLARS GOING IN. SWIFN - P.T. TBG. TO 3000# NO TEST RIH W/ 36 JTS. POOH W/ 130 JTS. & BHA LD TBG. PU RIH W/ REDRESS PKR PSN AND 130 JTS. (BLUE BAND) TBG. BREAKING & REDOPE COLLARS GOING IN. SWIFN


Daily Cost: \$0**Cumulative Cost:** \$58,235

10/5/2011 Day: 7**LEAK**

Nabors #1108 on 10/5/2011 - CONT. IN HOLE TEST SET PKR PUT WELL ON INJECTION - FINISH RIH W/ 26 JTS. FLUSH TBG. W/ 40 BBLS DROP SV TEST TBG. TO 3000# (GOOD) RU SAND LINE RIH PULL SV POOH RD SAND LINE ND BOP SET PKR @ 3989' W/ 15K TENSION EOT@ 3996' LAND WELL RDPU PUT WELL ON INJECTION - FINISH RIH W/ 26 JTS. FLUSH TBG. W/ 40 BBLS DROP SV TEST TBG. TO 3000# (GOOD) RU SAND LINE RIH PULL SV POOH RD SAND LINE ND BOP SET PKR @ 3989' W/ 15K TENSION EOT@ 3996' LAND WELL RDPU PUT WELL ON INJECTION **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$52,418

Pertinent Files: Go to File List

		Final Daily Workover Report		Well Name: MON 14-5J-9-17	
		LOE		Report Date: 12/7/11	
				Operation: Workover MIT	
Field:	GMBU CTB5	Rig Name:	Rigless	Work Performed:	12/2/2011
Location:	S5 T9S R17E	Supervisor:	Trefley Raza	Day:	8
County:	DUCHESNE	Phone:	435-823-1166	Daily Cost:	\$1,350
State:	UT	Email:	traza@newfield.com	Cum DWR:	\$53,768
Reason for Workover: Tubing Leak					
24 Hr Summary:	Conduct workover MIT				
24 Hr Plan Forward:	Wait for approval to resume injection				
Incidents:	None	Newfield Pers:	1	Contract Pers:	0
Conditions:					
Critical Comments					
Conversion MIT					
Activity Summary					
14:30 - 15:00; 0.5 Hr(s); P : On 11/30/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 12/02/2011 the csg was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 395 psig during the test. There was not an EPA representative available to witness the test.					

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MONUMENT FED 14-5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0566 FSL 0517 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 05 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013313850000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/2/2011		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 11/30/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 12/02/2011 the csg was pressured up to 1060 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 395 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20642-08677		
<div style="display: flex; justify-content: space-between;"> <div> NAME (PLEASE PRINT) Lucy Chavez-Naupoto </div> <div> PHONE NUMBER 435 646-4874 </div> <div> TITLE Water Services Technician </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div> SIGNATURE N/A </div> <div> DATE 12/8/2011 </div> </div>		

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 2 / 2011
Test conducted by: Brandon Morales
Others present: _____

Well Name: <u>Monument Federal 14-55-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>14</u>	Sec: <u>55T 9</u>	N/S R: <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Brandon Morales</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

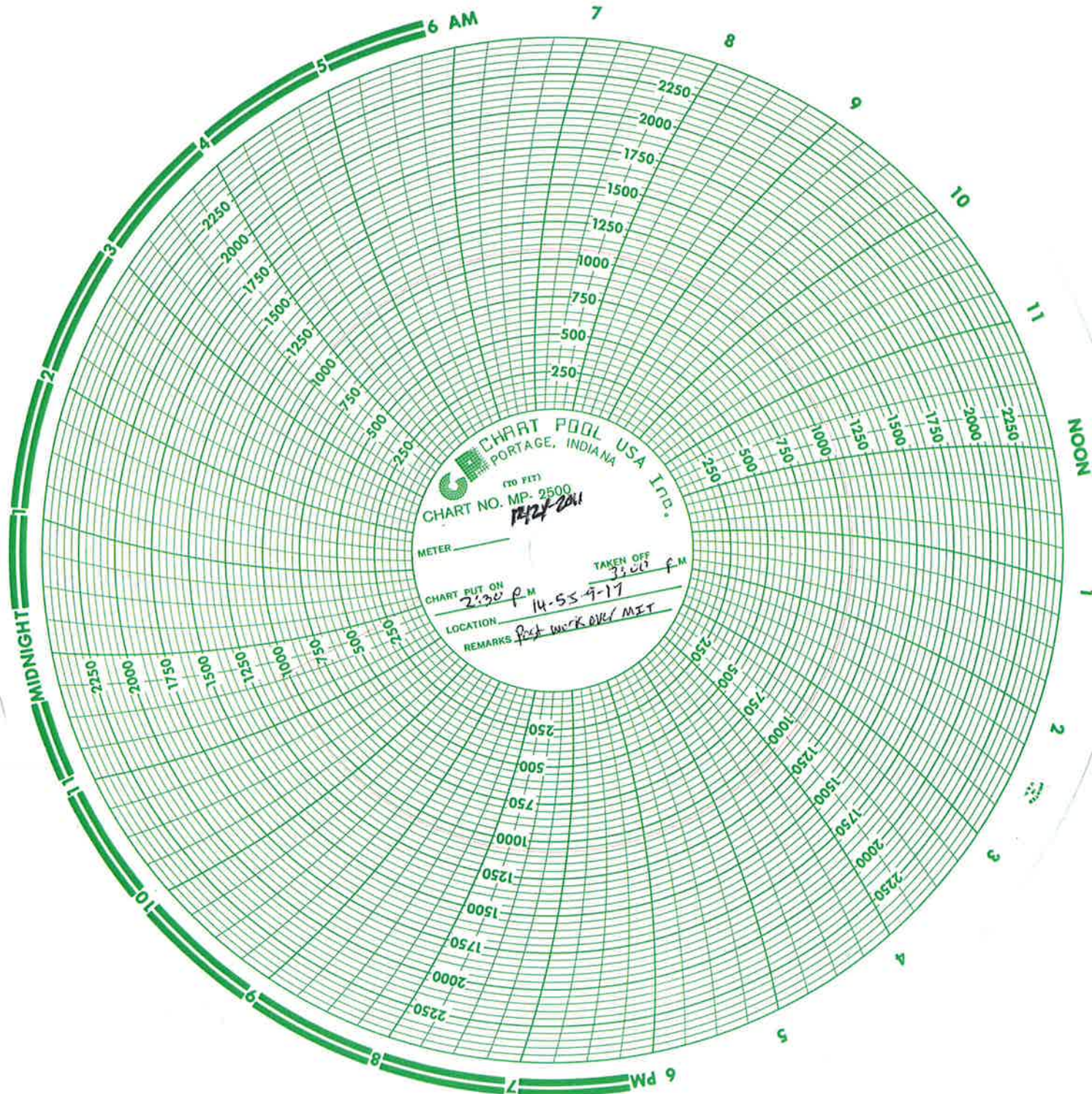
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>395</u> psig	psig	psig
End of test pressure	<u>395</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1060</u> psig	psig	psig
5 minutes	<u>1060</u> psig	psig	psig
10 minutes	<u>1060</u> psig	psig	psig
15 minutes	<u>1060</u> psig	psig	psig
20 minutes	<u>1060</u> psig	psig	psig
25 minutes	<u>1060</u> psig	psig	psig
30 minutes	<u>1060</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report**Format For Sundry****MON 14-5J-9-17****7/1/2011 To 11/30/2011****9/22/2011 Day: 1****Tubing Leak**

Nabors #1108 on 9/22/2011 - RLS PKR TEST TBG. W/ SV - MIRUPU SICP 100# SITP 1000# BLEED WELL DWN. ND WELL HEAD RLS 5 1/2 AS1X PKR NU BOP. RU HOT OILER FLUSH TBG. W/ 50 BBLS @ 250 DEGREES DROP SV. PT TBG. TO 3000# 5 TIMES LOSING 50# IN 30 MIN. TEST EVERY TEST. SWIFN FOR NEWFIELD SAFTEY MEETING. - MIRUPU SICP 100# SITP 1000# BLEED WELL DWN. ND WELL HEAD RLS 5 1/2 AS1X PKR NU BOP. RU HOT OILER FLUSH TBG. W/ 50 BBLS @ 250 DEGREES DROP SV. PT TBG. TO 3000# 5 TIMES LOSING 50# IN 30 MIN. TEST EVERY TEST. SWIFN FOR NEWFIELD SAFTEY MEETING. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$6,631

9/27/2011 Day: 2**Tubing Leak**

Nabors #1108 on 9/27/2011 - BREAK AND DOPE COLLARS REPLACE BHA - PRES. TEST TBG. TO 3000# BLEED OFF 170 # FIRST TEST 70 # 2ND, 100# 3RD, & 50 # 4TH, TEST POOH W/ 65 JNTS. BREAK AND DOPE EACH COLLAR, LD BHA (5 1/2 AS1X) PU RIH W/ REDRESSED 5 1/2 AS1X PSN & 65 JNTS. 2 7/8 TBG. SWIFN. - PRES. TEST TBG. TO 3000# BLEED OFF 170 # FIRST TEST 70 # 2ND, 100# 3RD, & 50 # 4TH, TEST POOH W/ 65 JNTS. BREAK AND DOPE EACH COLLAR, LD BHA (5 1/2 AS1X) PU RIH W/ REDRESSED 5 1/2 AS1X PSN & 65 JNTS. 2 7/8 TBG. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$14,145

9/28/2011 Day: 3**Tubing Leak**

Nabors #1108 on 9/28/2011 - CONT. HUNTING LEAK - FLUSH TBG. W/ 20 BBLS @ 250 DEG. DROP SV, TEST TO 3000# 4 TIMES TEST GOOD RIH W/ 60 JNTS. 2 7/8 TBG. FILL W/ 5 BBLS PT TO 3000# LOSSING 100# POOH W/ 30 JNTS. PT TO 3000# LOSSING 100# SWI SDFN - FLUSH TBG. W/ 20 BBLS @ 250 DEG. DROP SV, TEST TO 3000# 4 TIMES TEST GOOD RIH W/ 60 JNTS. 2 7/8 TBG. FILL W/ 5 BBLS PT TO 3000# LOSSING 100# POOH W/ 30 JNTS. PT TO 3000# LOSSING 100# SWI SDFN **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$21,659

9/30/2011 Day: 4**LEAK**

Nabors #1108 on 9/30/2011 - CHANGE OUT COLLARS ON 16 JTS. CONT. TESTING STILL CAN NOT GET SOLID TEST - LEFT TBG. PRES. @ 3000# BLEED DWN. TO 2350# OVERNIGHT POOH W/ 12 JTS. TEST TO 3000# TEST GOOD RIH W/ 16 JTS. UNABLE TO GET TEST CHANGE OUT TBG. COLLARS ON 16 JTS. STILL UNABLE TO GET TEST POOH W/ 8 JTS. NO TEST POOH W/ 8 JTS. NO TEST SWIFN - LEFT TBG. PRES. @ 3000# BLEED DWN. TO 2350# OVERNIGHT POOH W/ 12 JTS. TEST TO 3000# TEST GOOD RIH W/ 16 JTS. UNABLE TO GET TEST CHANGE OUT TBG. COLLARS ON 16 JTS. STILL UNABLE TO GET TEST POOH W/ 8 JTS. NO TEST POOH W/ 8 JTS. NO TEST SWIFN

Daily Cost: \$0**Cumulative Cost:** \$29,143

10/3/2011 Day: 5**LEAK**

Nabors #1108 on 10/3/2011 - CONT. LOOKING FOR LEAK DID FIND JT. W/ PIN HOLE STILL UNABLE TO GET SOLID TEST. - TEST TBG. TO 3000# LOSE 300# IN 10 MIN. RU SAND LINE POOH W/ SV FLUSH TBG. W/ 30 BBLS HEATED WTR. DROP REDRESSED SV TEST TO 3000# W/ 114 JTS. IN HOLE (3580') NO TEST POOH W/ 8 JTS. FIND PIN HOLE REPLACE JT. RIH STILL NO TEST LOSEING 50# IN 30 MIN. - TEST TBG. TO 3000# LOSE 300# IN 10 MIN. RU SAND LINE POOH W/ SV FLUSH TBG. W/ 30 BBLS HEATED WTR. DROP REDRESSED SV TEST TO 3000# W/ 114 JTS. IN HOLE (3580') NO TEST POOH W/ 8 JTS. FIND PIN HOLE REPLACE JT. RIH STILL NO TEST LOSEING 50# IN 30 MIN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$30,943

10/4/2011 Day: 6**LEAK**

Nabors #1108 on 10/4/2011 - LD TBG. STRING & PU NEW STRING - P.T. TBG. TO 3000# NO TEST RIH W/ 36 JTS. POOH W/ 130 JTS. & BHA LD TBG. PU RIH W/ REDRESS PKR PSN AND 130 JTS. (BLUE BAND) TBG. BREAKING & REDOPE COLLARS GOING IN. SWIFN - P.T. TBG. TO 3000# NO TEST RIH W/ 36 JTS. POOH W/ 130 JTS. & BHA LD TBG. PU RIH W/ REDRESS PKR PSN AND 130 JTS. (BLUE BAND) TBG. BREAKING & REDOPE COLLARS GOING IN. SWIFN


Daily Cost: \$0**Cumulative Cost:** \$58,235

10/5/2011 Day: 7**LEAK**

Nabors #1108 on 10/5/2011 - CONT. IN HOLE TEST SET PKR PUT WELL ON INJECTION - FINISH RIH W/ 26 JTS. FLUSH TBG. W/ 40 BBLS DROP SV TEST TBG. TO 3000# (GOOD) RU SAND LINE RIH PULL SV POOH RD SAND LINE ND BOP SET PKR @ 3989' W/ 15K TENSION EOT@ 3996' LAND WELL RDPU PUT WELL ON INJECTION - FINISH RIH W/ 26 JTS. FLUSH TBG. W/ 40 BBLS DROP SV TEST TBG. TO 3000# (GOOD) RU SAND LINE RIH PULL SV POOH RD SAND LINE ND BOP SET PKR @ 3989' W/ 15K TENSION EOT@ 3996' LAND WELL RDPU PUT WELL ON INJECTION **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$52,418

Pertinent Files: Go to File List

		Final Daily Workover Report		Well Name: MON 14-5J-9-17	
		LOE		Report Date: 12/7/11	
				Operation: Workover MIT	
Field:	GMBU CTB5	Rig Name:	Rigless	Work Performed:	12/2/2011
Location:	S5 T9S R17E	Supervisor:	Trefley Raza	Day:	8
County:	DUCHESNE	Phone:	435-823-1166	Daily Cost:	\$1,350
State:	UT	Email:	traza@newfield.com	Cum DWR:	\$53,768
Reason for Workover: Tubing Leak					
24 Hr Summary:	Conduct workover MIT				
24 Hr Plan Forward:	Wait for approval to resume injection				
Incidents:	None	Newfield Pers:	1	Contract Pers:	0
Conditions:					
Critical Comments					
Conversion MIT					
Activity Summary					
14:30 - 15:00; 0.5 Hr(s); P : On 11/30/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 12/02/2011 the csg was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 395 psig during the test. There was not an EPA representative available to witness the test.					

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MONUMENT FED 14-5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0566 FSL 0517 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 05 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013313850000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/2/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input checked="" type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 11/30/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 12/02/2011 the csg was pressured up to 1060 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure 395 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20642-08677		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 12/8/2011		

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 2 / 2011
Test conducted by: Brandon Morales
Others present: _____

Well Name: <u>Monument Federal 14-55-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>14</u>	Sec: <u>55T 9</u>	N/S R/ <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Brandon Morales</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

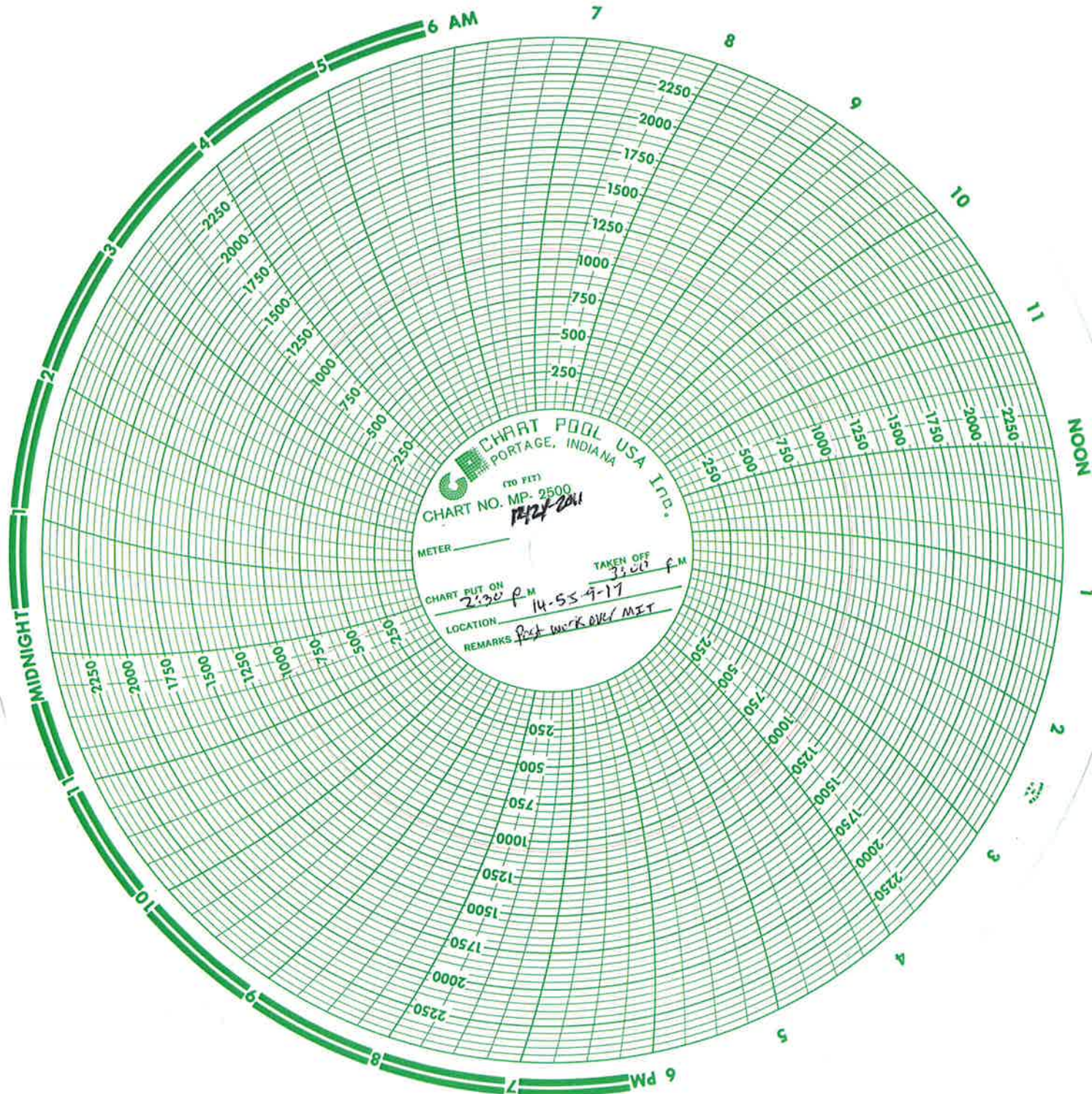
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>395</u> psig	psig	psig
End of test pressure	<u>395</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1060</u> psig	psig	psig
5 minutes	<u>1060</u> psig	psig	psig
10 minutes	<u>1060</u> psig	psig	psig
15 minutes	<u>1060</u> psig	psig	psig
20 minutes	<u>1060</u> psig	psig	psig
25 minutes	<u>1060</u> psig	psig	psig
30 minutes	<u>1060</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report**Format For Sundry****MON 14-5J-9-17****7/1/2011 To 11/30/2011****9/22/2011 Day: 1****Tubing Leak**

Nabors #1108 on 9/22/2011 - RLS PKR TEST TBG. W/ SV - MIRUPU SICP 100# SITP 1000# BLEED WELL DWN. ND WELL HEAD RLS 5 1/2 AS1X PKR NU BOP. RU HOT OILER FLUSH TBG. W/ 50 BBLS @ 250 DEGREES DROP SV. PT TBG. TO 3000# 5 TIMES LOSING 50# IN 30 MIN. TEST EVERY TEST. SWIFN FOR NEWFIELD SAFTEY MEETING. - MIRUPU SICP 100# SITP 1000# BLEED WELL DWN. ND WELL HEAD RLS 5 1/2 AS1X PKR NU BOP. RU HOT OILER FLUSH TBG. W/ 50 BBLS @ 250 DEGREES DROP SV. PT TBG. TO 3000# 5 TIMES LOSING 50# IN 30 MIN. TEST EVERY TEST. SWIFN FOR NEWFIELD SAFTEY MEETING. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$6,631

9/27/2011 Day: 2**Tubing Leak**

Nabors #1108 on 9/27/2011 - BREAK AND DOPE COLLARS REPLACE BHA - PRES. TEST TBG. TO 3000# BLEED OFF 170 # FIRST TEST 70 # 2ND, 100# 3RD, & 50 # 4TH, TEST POOH W/ 65 JNTS. BREAK AND DOPE EACH COLLAR, LD BHA (5 1/2 AS1X) PU RIH W/ REDRESSED 5 1/2 AS1X PSN & 65 JNTS. 2 7/8 TBG. SWIFN. - PRES. TEST TBG. TO 3000# BLEED OFF 170 # FIRST TEST 70 # 2ND, 100# 3RD, & 50 # 4TH, TEST POOH W/ 65 JNTS. BREAK AND DOPE EACH COLLAR, LD BHA (5 1/2 AS1X) PU RIH W/ REDRESSED 5 1/2 AS1X PSN & 65 JNTS. 2 7/8 TBG. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$14,145

9/28/2011 Day: 3**Tubing Leak**

Nabors #1108 on 9/28/2011 - CONT. HUNTING LEAK - FLUSH TBG. W/ 20 BBLS @ 250 DEG. DROP SV, TEST TO 3000# 4 TIMES TEST GOOD RIH W/ 60 JNTS. 2 7/8 TBG. FILL W/ 5 BBLS PT TO 3000# LOSSING 100# POOH W/ 30 JNTS. PT TO 3000# LOSSING 100# SWI SDFN - FLUSH TBG. W/ 20 BBLS @ 250 DEG. DROP SV, TEST TO 3000# 4 TIMES TEST GOOD RIH W/ 60 JNTS. 2 7/8 TBG. FILL W/ 5 BBLS PT TO 3000# LOSSING 100# POOH W/ 30 JNTS. PT TO 3000# LOSSING 100# SWI SDFN **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$21,659

9/30/2011 Day: 4**LEAK**

Nabors #1108 on 9/30/2011 - CHANGE OUT COLLARS ON 16 JTS. CONT. TESTING STILL CAN NOT GET SOLID TEST - LEFT TBG. PRES. @ 3000# BLEED DWN. TO 2350# OVERNIGHT POOH W/ 12 JTS. TEST TO 3000# TEST GOOD RIH W/ 16 JTS. UNABLE TO GET TEST CHANGE OUT TBG. COLLARS ON 16 JTS. STILL UNABLE TO GET TEST POOH W/ 8 JTS. NO TEST POOH W/ 8 JTS. NO TEST SWIFN - LEFT TBG. PRES. @ 3000# BLEED DWN. TO 2350# OVERNIGHT POOH W/ 12 JTS. TEST TO 3000# TEST GOOD RIH W/ 16 JTS. UNABLE TO GET TEST CHANGE OUT TBG. COLLARS ON 16 JTS. STILL UNABLE TO GET TEST POOH W/ 8 JTS. NO TEST POOH W/ 8 JTS. NO TEST SWIFN

Daily Cost: \$0**Cumulative Cost:** \$29,143

10/3/2011 Day: 5**LEAK**

Nabors #1108 on 10/3/2011 - CONT. LOOKING FOR LEAK DID FIND JT. W/ PIN HOLE STILL UNABLE TO GET SOLID TEST. - TEST TBG. TO 3000# LOSE 300# IN 10 MIN. RU SAND LINE POOH W/ SV FLUSH TBG. W/ 30 BBLS HEATED WTR. DROP REDRESSED SV TEST TO 3000# W/ 114 JTS. IN HOLE (3580') NO TEST POOH W/ 8 JTS. FIND PIN HOLE REPLACE JT. RIH STILL NO TEST LOSEING 50# IN 30 MIN. - TEST TBG. TO 3000# LOSE 300# IN 10 MIN. RU SAND LINE POOH W/ SV FLUSH TBG. W/ 30 BBLS HEATED WTR. DROP REDRESSED SV TEST TO 3000# W/ 114 JTS. IN HOLE (3580') NO TEST POOH W/ 8 JTS. FIND PIN HOLE REPLACE JT. RIH STILL NO TEST LOSEING 50# IN 30 MIN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$30,943

10/4/2011 Day: 6**LEAK**

Nabors #1108 on 10/4/2011 - LD TBG. STRING & PU NEW STRING - P.T. TBG. TO 3000# NO TEST RIH W/ 36 JTS. POOH W/ 130 JTS. & BHA LD TBG. PU RIH W/ REDRESS PKR PSN AND 130 JTS. (BLUE BAND) TBG. BREAKING & REDOPE COLLARS GOING IN. SWIFN - P.T. TBG. TO 3000# NO TEST RIH W/ 36 JTS. POOH W/ 130 JTS. & BHA LD TBG. PU RIH W/ REDRESS PKR PSN AND 130 JTS. (BLUE BAND) TBG. BREAKING & REDOPE COLLARS GOING IN. SWIFN


Daily Cost: \$0**Cumulative Cost:** \$58,235

10/5/2011 Day: 7**LEAK**

Nabors #1108 on 10/5/2011 - CONT. IN HOLE TEST SET PKR PUT WELL ON INJECTION - FINISH RIH W/ 26 JTS. FLUSH TBG. W/ 40 BBLS DROP SV TEST TBG. TO 3000# (GOOD) RU SAND LINE RIH PULL SV POOH RD SAND LINE ND BOP SET PKR @ 3989' W/ 15K TENSION EOT@ 3996' LAND WELL RDPU PUT WELL ON INJECTION - FINISH RIH W/ 26 JTS. FLUSH TBG. W/ 40 BBLS DROP SV TEST TBG. TO 3000# (GOOD) RU SAND LINE RIH PULL SV POOH RD SAND LINE ND BOP SET PKR @ 3989' W/ 15K TENSION EOT@ 3996' LAND WELL RDPU PUT WELL ON INJECTION **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$52,418

Pertinent Files: Go to File List

		Final Daily Workover Report		Well Name: MON 14-5J-9-17	
		LOE		Report Date: 12/7/11	
				Operation: Workover MIT	
Field:	GMBU CTB5	Rig Name:	Rigless	Work Performed:	12/2/2011
Location:	S5 T9S R17E	Supervisor:	Trefley Raza	Day:	8
County:	DUCHESNE	Phone:	435-823-1166	Daily Cost:	\$1,350
State:	UT	Email:	traza@newfield.com	Cum DWR:	\$53,768
Reason for Workover: Tubing Leak					
24 Hr Summary:	Conduct workover MIT				
24 Hr Plan Forward:	Wait for approval to resume injection				
Incidents:	None	Newfield Pers:	1	Contract Pers:	0
Conditions:					
Critical Comments					
Conversion MIT					
Activity Summary					
14:30 - 15:00; 0.5 Hr(s); P : On 11/30/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 12/02/2011 the csg was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 395 psig during the test. There was not an EPA representative available to witness the test.					

Monument Federal 14-5J-9-17

Spud Date: 9-9-1993
Put on Production: 11-28-1993
GL: 5238' KB: 5248'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (273.46')
DEPTH LANDED: 283.46'
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt. to surface

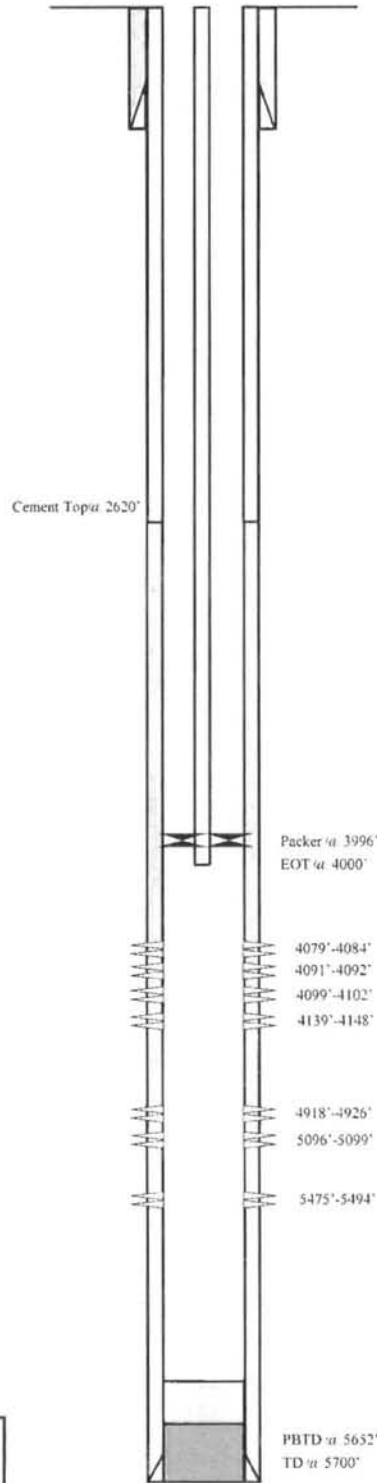
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132 jts. (5696.90')
DEPTH LANDED: 5694'
HOLE SIZE: 7-7/8"
CEMENT DATA: 138 sk Thrifty Lite & 215 sxs 50-50 POZ.
CEMENT TOP AT: 2620' per CBL

TUBING

SIZE GRADE/WT.: 2-7/8" J-55 6.5#
NO. OF JOINTS: 130 jts (3978.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3991.2' KB
CE @ 3995.6' w 13' KB
TOTAL STRING LENGTH: EOT @ 4000' KB

Injection Wellbore Diagram



FRAC JOB

10/21/93	5475'-5494'	Frac as follows: 25,600# 20-40 sand & 22,200# 16-30 sand in 130 bbl. Viking I-35 frac fluid. Treated @ avg press of 1700 psi w avg rate of 25 BPM. ISIP 1600 psi. Calc. flush: 5475 gal, Actual flush: 5375 gal.
10/27/93	4918'-5099'	Frac as follows: 33,000# 16-30 sand in 273 bbl. Viking I-35 frac fluid. Treated @ avg press of 3000 psi w avg rate of 22 BPM. ISIP 2120 psi. Calc. flush: 4918 gal, Actual flush: 4872 gal.
6/05/02	4079'-4148'	Frac GB4 & GB6 as follows: 77,920# 16-30 sand in 318 bbl. Viking I-25 frac fluid. Treated @ avg press of 2050 psi w avg rate of 25 BPM. ISIP 2142 psi. Calc. flush: 4079 gal, Actual flush: 3990 gal.
6/28/02		Pump change. Update rod and tubing details.
07/29/10		Convert to Injection well
08/02/10		MIT completed - tbg detail updated
12/02/11		Tubing Leak - MIT - updated tbg detail

PERFORATION RECORD

10-20-93	5475'-5494'	2 JSPF	38 holes
10-26-93	5096'-5099'	2 JSPF	06 holes
10-26-93	4918'-4926'	2 JSPF	16 holes
6-04-02	4079'-4084'	4 JSPF	20 holes
6-04-02	4091'-4092'	4 JSPF	08 holes
6-04-02	4099'-4102'	4 JSPF	12 holes
6-04-02	4139'-4148'	4 JSPF	36 holes

NEWFIELD

Monument Federal 14-5J-9-17

566' FSL & 517' FWL

SW/SW Section 5-T9S-R17E

Duchesne Co, Utah

API #43-013-31385; Lease #U-020252

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MONUMENT FED 14-5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0566 FSL 0517 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 05 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013313850000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2016	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 10/27/2016 the casing was pressured up to 1109 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1689 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08677		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 23, 2016		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 10/31/2016

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10/27/16Test conducted by: PETE MONTAGUE

Others present: _____

API # 43-013-31385

Well Name: <u>MONUMENT FEDERAL</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>		
Location: <u>14</u> Sec: <u>5T</u> T <u>9</u> N <u>(S)</u> R <u>17</u> E W County: <u>DUCHESSNE</u> State: <u>WY</u>		
Operator: <u>NEWFIELD PRODUCTION</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1764</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
 Initial test for permit? ☐ Yes ☒ No
 Test after well rework? ☐ Yes ☒ No
 Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 / 1106 psig

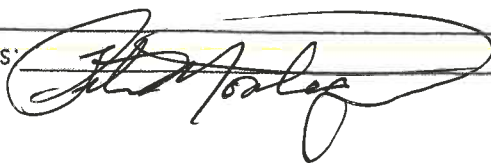
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1693</u> psig	psig	psig
End of test pressure	<u>1689</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1106</u> psig	psig	psig
5 minutes	<u>1107</u> psig	psig	psig
10 minutes	<u>1108</u> psig	psig	psig
15 minutes	<u>1108</u> psig	psig	psig
20 minutes	<u>1109</u> psig	psig	psig
25 minutes	<u>1109</u> psig	psig	psig
30 minutes	<u>1109</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Monument Federal 14-5J-9-17, 5 YR MIT, (10-27-16).

10/27/2016 8:44:23 AM

